

# Kashinath G. Bhat Gokarn

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## Summary

- B. Tech (CS) in June 2004 from BITS, Pilani, India.
- OpenStack Project Mentor and Contributor since August 2017
- One of the top candidates shortlisted for Network18's business reality show – "Pulse the Venture" May 2017.
- Currently working with **Adobe Systems, Noida / Bangalore** as a **Lead Architect / Sr. System Engineer** (Python, DjangoREST, gRPC, GO, Java, and J2EE) – OpenStack, Cloud Development (Backend / DevOps) – **SaaS / PaaS / IaaS**. Since May 2017 working as a **Technical Architect for Internet of Things (IoT) – Infrastructure Management and Factory Automation**.
  - **Responsible to development** new features, new runtimes, new services, and automation using Java (Java Collection Frameworks, Multithreading, Collections, NodeJs, API Development, Algorithms, GO (GOLang), OpenStack & Python Django Development with REST) for Cloud (OpenStack –Keystone – Identity Services, Compute-Nova, Image Service-Glance, Object Storage-Swift, Neutron-formerly Quantum, Elastic Map Reduce), Docker (used for automate of our application), Cloud Foundry integrates Docker into the Cloud Foundry PaaS, Hadoop MapReduce (Optimized HDFS to accesses batches of data set high throughput / low latency – data set), Kafka, Message Queue (Java Message Services, Apache ActiveMQ, RabbitMQ), AWS Cloud Architect/Solutions, and Docker integration with OpenStack (Nova).
  - Individual contributor for developing web service using Node.js, and developed server / cluster using Node.js. Also, improves Node.js application performance using implement reverse proxy server, cache static files, load balance traffic across multiple servers, proxy web socket connections, and implements SSL/TLS, and HTTP/2.
  - Responsible for operations including administration, monitoring, troubleshooting, and deployments.
  - Hands on with coding, designing, and development daily basis 80%.
  - **Responsible for develop and design for mobile application (Android & iOS) for internal users of Adobe Systems to access all kinds of Cloud Services.**
- I have handled four end-to-end projects as a individual contributor for SriLankan Airline, Finnair, AADHAAR's Residential Web Portal (Govt. of India), and Adobe's Private Cloud Platform development. These projects included end-to-end development processes like – Project Initiation (including identify project and technology), Project Planning, Project Execution and control, and Project Closure.
- Currently working on Recovery Point Objective (**RPO**) and Recovery Time Objective (**RTO**) for disaster recovery and data protection plan. In addition, playing key role in data protection team, this team is part of Adobe IT Cloud R&D.
- Hands on **Microservices** / Process of migrating an existing application into **Microservices (SOA)** in a form of application modernization in ITC Infotech and Adobe Systems. Hands on with Jenkins and Go for CI.
- Developing APIs in **GOLang**, using Beego and Revel framework for cloud services and GOLang SDK for working with OpenStack clouds. Developed multi-threaded (e.g. file-based) web server with thread pooling implemented in Java. Building socket servers in Go, Build out some HTTP based REST APIs for JavaScript and Objective-C clients.
- Hands on with Virtualizations – Full, OS Level, Paravirtualization, Xen.
- Responsible for leading a team of engineers in design, development and testing of cloud services platform software. Responsible to develop API for Virtual Compute, Mesos, Storage (Storage NFS/SMB), IaaS, Bare Metal (Physical Server), CAMP, LBaaS Portal on Python, Django, Linux, MySQL, and handling team of 13 peoples and depends on requirement working as an individual contributor for API Development major. Individual developer for Bare Metal.
- Strong knowledge of RFI / RFP Process.
- Hands on with Meta Modeling, EMF Modeling Framework Project in AADHAAR.
- Strong 10+ years of IT Experience (major in Open Source / Cloud Technology) and 3 years of experience as an individual contributor in startup and strong working knowledge of Java (J2EE) Architect (Server side). Develop object-oriented models and design data structure for new content and e-commerce and automation development projects in Python 2.6, 2.7, 3.2 & 3.3 (with Django 1.4, 1.5, & 1.6.4), LAMP (Linux, Apache, MySQL, Python with Django). Also, 3.5 years of experience with Hadoop MapReduce, Kafka.
- HTML5, GitHub, Core Java, Servlets API, Apache Struts, Spring MVC, JSP, and JCF (Java Collection Frameworks), Multithreading, Collections, ORM, TDD, Oracle Siebel CRM, OOPs, and developing hybrid android applications for mobile and tablets.
- Hands on knowledge of **Elastic Search, Redis, Hadoop MapReduce Development, Core Java / Algorithms, Node.js** and **MongoDB (with indexing, load balancing, file storage, and aggregation operations)**.
- Hands on involved in **Automation Framework Development** using **Python (Django)**.

- Hands on experience on **Python Unit Testing** and done Unit Testing for UIDAI-UID-AADHAAR Project (**AADHAAR Web-portal**).
- Strong knowledge of **OAuth, OpenID, API Security, Django REST, SOAP, AWS (S3, EC2, Route53, EMR, LAMBDA, Elastic Beanstalk)**, and **Social Engine**. Implemented **OAuth, OpenID, API Security** in various projects.
- **UX Architect** (**User Experience Design**) in UIDAI-UID-AADHAAR Project.
- **UI** layer development using technologies like **Swing, AngularJS, Backbone.js, JSP, JavaScript, CSS3 and HTML5**.
- Core Team Member and Lead of **Mobile Application Development for AADHAAR-UIDAI – Android**.
- Implemented **Agile** Methodology in **Cloud Development Team in Adobe**.
- Involved in **Integration testing** and **Sanity Testing**.
- Business logic and various utility implementations using **SQL, PL/SQL** for creating **stored procedures, functions, views etc.** in **MySQL and Oracle**.
- Application development tools like **Eclipse, NetBeans** used.
- **Functional Specification document, technical design document** created and code documentation done for future references.
- Possesses **excellent communication skills**, analytical, problem solving, leading and learning skills as well as keen interest in the emerging technologies, excellent team player.
- Fluently in Japanese Language and completed JLPT 4 & 3 Level.

#### Experience (Concise)

- Currently (since October 2015) working with Adobe Systems, Noida as a Sr. System Engineer (Lead Architect – API Development) for Cloud (OpenStack –Keystone – Identity Services, Compute-Nova, Image Service-Glance, Object Storage-Swift, Neutron-formerly Quantum, and Elastic Map Reduce).
  - Develop cloud service platforms using Core Java with JCF (Java Collection Frameworks), Multithreading, Collections, REST (Python Django Rest) API platform for cloud based SaaS system using technologies including Play! 1.2.5 & 2.1, Jersey, Hibernate, Akka, RabbitMQ and PostgreSQL with the databases and file server on Amazon S3. Program in Java, GO, and Python (Django) using Eclipse, NetBeans. Source control tool is GIT.
  - Designed REST APIs that allow sophisticated, effective and low cost application integration.
  - Developing API in GO for cloud services. GOLang SDK for working with OpenStack clouds.
  - Oversaw feature implementation across several products to ensure alignment with broader architectural and business initiatives. Strong knowledge of RFI / RFP Process.
  - Led development of new open PaaS cloud solution from inception to successful release.
  - Represented OpenLogic as a significant contributor to the development of theSPDX standard.
  - Building shared vision of architectural initiatives for multiple products.
- Worked with **ITC Infotech** (working for Sri Lankan Airline and Finnair, India Offshore Development Centre), as a Web application developer and OpenStack Architect - Development /Lead Consultant - OpenStack, Bangalore, India since September 2012 to September 2015. Working on multiple OpenStack modules using Java2EE, Core Java with JCF (Java Collection Frameworks), Multithreading, Collections, and Python with Django REST, MongoDB, and Message Queues. Also handled development team for E-commerce portal and mobile application of ITC-FMCG.
- Worked as a Technical Lead in **MindTree Ltd. (UIDAI-UID-AADHAAR)**, Bangalore since 17<sup>th</sup> January 2011 to September 2012. Individual contributor for AADHAAR Web Application development (Residential Portal).
  - <https://resident.uidai.net.in/>
    - Locate Enrolment Centre
    - Book an Appointment
    - Check Aadhaar Status
    - Get E-Aadhaar
    - Get Aadhaar
    - Update Aadhaar Date
    - Find UID/EId
- Worked as a Senior Software Developer in **Huawei Technology**, Bangalore from 04<sup>th</sup> January 2010 to 26<sup>th</sup> December 2010.
- Worked as an individual contributor for DjangoREST development in **ATHVed Innovation Lab**, Pune / Bangalore from September 2004 to December 2009. This startup started with my three friends.

## Educational Qualifications

**B. Technology** in Computer Science with 65% from **BITS-Pilani** in July 2000 – June 2004  
**Diploma (Poly.) Engineering** (CS) with First Class 75% in August 1997 – July 2000. First top three students.

## Technical Skills/Competencies

**Languages** - Core Java (with JCF - Java Collection Frameworks, Multithreading, Collections), Python with Django, Node.js, Open Source.

**Telecom Technologies** - Advent Web NMS, Advent SNMP, SNMP Simulator, Advnet MIB Browser.

**J2EE Technologies** - Servlets API, Apache Struts, Spring MVC, JSP, and JCF (Java Collection Frameworks).

**Databases** - Oracle Siebel CRM, MySQL, MongoDB, SQL/R (Client and Server), Oracle9i, Linux SSH, Putty, HTTP watch, YSlow, and Firebug.

**Web Servers & Service Protocols** - Apache Tomcat Server / REST / AWS (S2, EC2, and Route53)/SOAP & WSDL.

**Operating Systems** - Linux/Unix, Windows 95/98/2000/XP.

**JavaScript Frameworks** - JQuery Mobile Development (integrating android with JQuery mobile and building and configuring), JQuery UI, Flowplayer, Shadowbox, jqGrid, Web NMS, Struts, Hibernate (Basic), Phone Gap (previously called Apache Callback, but now Apache Cordova).

**Design Patterns** - MVC, Front Controller DAO, Creational Design Patterns – Singleton, Abstract, Factory, and

**Structural Design Patterns** – Decorator, Private Class Data, Composite, and Façade.

**OpenStack** - Keystone – Identity Services, Compute-Nova, Image Service-Glance, Object Storage-Swift, Neutron-formerly Quantum, Elastic Map Reduce), AWS Cloud Architect/Solutions, and Docker integration with OpenStack (Nova).

## Achievements/Awards

- ✓ One of the top candidates shortlisted for Network18's business reality show – "Pulse the Venture"
- ✓ Implemented Agile in UID-UIDAI Project and Cloud Development Team in Adobe
- ✓ Highest marks in REB (Revaluation Examination Board, IETE) (2004) and first top 3 student in diploma engineering
- ✓ Present and Published National Level Technical Paper on Application of Global Positioning System, in Indian Institute of Technology, Roorkee (2004), nominate to attend International Conferences' in IISc – Bangalore and CSIO (Central Scientific Instruments Organization, Chandigarh)
- ✓ Scholarship received from Bajaj Electrical Engineers Association, Pune

## Project Exposure

### In ITC Infotech India Pvt. Ltd., Bangalore as Tech Lead since September 2012 to September 2015

Clients	SriLankan Airline and Finnair
Project Name	Cloud Services
Project Description	<p>Design Enterprise Reference Architectures for customers looking to integrate with VMware's Cloud offering, covering all aspects of cloud from Compute, Storage, Networking and Operations. Provide input into Product Management to define VMware's Cloud Roadmap and strategy.</p> <ul style="list-style-type: none"><li>• Developed reference architecture for Openstack on Ubuntu 14.04 LTS.</li><li>• Provide input into Product Management to define VMware's Cloud Roadmap and strategy.</li><li>• Provide input into Product Management to influence feature requirements for Compute, Storage and Networking in VMware's cloud offering.</li><li>• Liaise with different product groups on the key areas of cloud that are impacted by new features (Compute, Storage, Networking).</li><li>• Work with solutions architects around DevOps integrations with Puppet and Chef to allow automated and orchestrated deploys in a hybrid cloud model.</li><li>• Presented designs and solutions to all levels of corporate management including "C" level.</li></ul>
Project Duration	September 2012 – September 2015
Responsibilities	<ul style="list-style-type: none"><li>✓ Product owner for implementation OpenStack</li><li>✓ Analysing the requirements and preparation of Technical Design documents for the enhancements like configuration support for new OpenStack systems</li><li>✓ Coding and Unit Testing of the enhancements / bugs</li><li>✓ Technical design review and Code Review</li><li>✓ Designed and deployed multiple vCloud and vSphere environments including proof-of-concept, pre-production, and production.</li><li>✓ Provided architecture improvements and feedback on beta and current products.</li><li>✓ Developed best practice recommendations and designed guidelines for customers.</li><li>✓ Provided project management and technical leadership to assigned projects.</li><li>✓ Developed architecture and engagement service for OpenStack</li></ul>

	✓ Worked on a global team to develop Reference Architecture for OpenStack
Environment	Core Java with JCF (Java Collection Frameworks), Multithreading, Collections, Linux, Apache, MySQL, GOLang, Python with Django, REST, AWS, GitHub / VSS.

### **In UIDAI Project as Sr. Software Engineer since January 2011 – September 2012**

Client	<b>UIDAI</b>
Project Name	<b>AADHAAR – Residential Web portal</b>
Project Description	Residential web portal by Unique Identification Authority of India which is a constituent of planning commission of India established under the discretion of central government in the year 2009 to provide the citizen of India a Unique Identification Card. Candidates can check their Aadhaar Card Status from the official website of Unique Identification Authority of India and also Download Duplicate E-Aadhaar Card from the authorized website link mention below. Most of people were applied for the Online Aadhaar Card Application Form for unique identification card as a permanent Identity Proof. People can go through the official website <a href="https://eaadhaar.uidai.gov.in/">https://eaadhaar.uidai.gov.in/</a> to download E-Aadhaar Card and check their status by entering the details mention in the receipt given at the time of registration. After filling up the details and the captcha press the submit button which will then ask for last four digits of the registered mobile number. Please note that these details are the one that you submitted at the time of registration. If your mobile is correct then a message will come to your mobile which is the OTP (one time password) that you need to fill. After filling the correct OTP, a link to download Aadhaar card online would be available.
Project Duration	January 2011 to September 2012
Responsibilities	<ul style="list-style-type: none"> <li>✓ I have involved for multiple tasks. Only residential web portal developed as an individual contributor.</li> <li>✓ <u>Involved in Analysis, Design, Coding, and Unit Testing of Application.</u></li> <li>✓ <u>Optimized disk IO path and network IO path between virtual machines and hosts to provide optimal IO performance for Hadoop.</u></li> <li>✓ <u>Developed a custom FileSystem plugin for Hadoop so it can access files on UIDAI-UID Data Platform. This plugin allows Hadoop MapReduce programs, HBase, Pig and Hive to work unmodified and access files directly. The plugin also provided data locality for Hadoop across host nodes and virtual machines.</u></li> <li>✓ <u>Advised file system team on optimizing IO for Hadoop / analytics workloads. Hadoop MapReduce (Optimized HDFS to accesses batches of data set high throughput / low latency – data set).</u></li> <li>✓ <u>Setup and benchmarked Hadoop/HBase clusters for internal use.</u></li> <li>✓ Lots of scripting (python + shell) to provision and spin up virtualized hadoop clusters.</li> <li>✓ Developed code to support Performance and Fault management for new NE type (Server Iron).</li> <li>✓ Responsible for delivering quality work to the client.</li> <li>✓ <b>Enhancement of Java applications using Collections &amp; Multithreading.</b></li> <li>✓ Collaborate with BA to obtain/clarify detailed requirement /functional specification the web development project.</li> <li>✓ Work with PMs and Tech leads on scoping and planning effort estimation and time for development.</li> <li>✓ Build UI frameworks, template definitions and document best coding recommendations and web standards.</li> <li>✓ Developed Android application for AADHAAR using Android Studio, with back end Java Eclipse.</li> <li>✓ Implement modular widgets and front-end components (like advanced dropdown, and interactive menu system, modal window, layout controls, form validation, system, content sliders and transition effects).</li> <li>✓ Evaluate coding approach of PYTHON (DJANGO) /UI developers to continuously improve the performance and scalability of the code.</li> <li>✓ Develop and enforce Accessibility guidelines &amp; Web standards into the workflow among different project groups. Work on security compliance, which includes query optimization, resolving cross-side scripting and SQL injection.</li> <li>✓ Incorporate Performance tuning and Site optimization strategies for the effective performance and simplified maintenance.</li> <li>✓ Develop CRON scripts for data transfer from production database to third party.</li> </ul>
Environment	Core Java with JCF (Java Collection Frameworks), Multithreading, Collections, Struts, Hibernate, JSP, Node.js, MongoDB, GOLang, Python with Django, REST, Hadoop MapReduce, Kafka, SVN, EMR, S3, MySQL, JavaScript, HTML5, Android OS for Mobile Application,

Client	<b>AADHAAR</b>
Project Name	<b>Network Access control is for the protection of remote access</b>
Project Description	A system security solution that is designed for defining, assessing and enforcing IT security policies and is used to control managed as well as unmanaged systems. It is

	basically designed for protecting the AADHAAR networks by blocking those systems, which are not in compliance with the IT policies of the particular company.
<b>Project Duration</b>	Aug 2011 – September 2012
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>✓ Algorithms for once the new systems are scanned; system will decide what action to take.</li> <li>✓ Coding and Unit Testing of the enhancements / bugs</li> <li>✓ Developed generic components with data driven approach</li> </ul>
<b>Environment</b>	Linux, Apache, C++, Unix Domain Socket (inter process communication socket), Core Java with JCF (Java Collection Frameworks), Multithreading, Collections, MySQL

<b>Client</b>	<b>Procter and Gamble Digital Marketing</b>
<b>Project Name</b>	Consumer Goods Manufacturing
<b>Project Description</b>	<p>Digital Marketing is the practice of promoting products and services using digital distribution channels to reach consumers in a timely, relevant, personal and cost-effective manner.</p> <p>Increasing consumer consideration through search marketing, interactive advertising and enhanced brand websites, as well as e-mail marketing enabled by P&amp;G's extensive consumer databases.</p> <p>Driving purchase/trial by piloting e-retail and e-commerce with certain brands and markets.</p>
<b>Project Duration</b>	January 2011 to December 2011
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>✓ Involved in Analysis, Design, Coding, and Testing of Application.</li> <li>✓ Developed code to support Performance and Fault management for new NE type (Server Iron)</li> <li>✓ Responsible for delivering quality work to the client.</li> <li>✓ Enhancement of Java applications</li> <li>✓ Worked on the bugs in the applications.</li> <li>✓ Collaborate with BA to obtain/clarify detailed requirement /functional specification the web development project.</li> <li>✓ Work with PMs and Tech leads on scoping and planning effort estimation and time for development.</li> <li>✓ Build UI frameworks, template definitions and document best coding recommendations and web standards.</li> <li>✓ Implement modular widgets and front-end components (like advanced dropdown, and interactive menu system, modal window, layout controls, form validation, system, content sliders and transition effects).</li> <li>✓ Evaluate coding approach of PYTHON (DJANGO) /UI developers to continuously improve the performance and scalability of the code.</li> <li>✓ Develop and enforce Accessibility guidelines &amp; Web standards into the workflow among different project groups. Work on security compliance, which includes query optimization, resolving cross-side scripting and SQL injection.</li> <li>✓ Incorporate Performance tuning and Site optimization strategies for the effective performance and simplified maintenance.</li> <li>✓ Develop CRON scripts for data transfer from production database to third party.</li> </ul>
<b>Environment</b>	Core Java with JCF (Java Collection Frameworks), Multithreading, Collections, MongoDB, WebNMS 4.0, Struts, SNMP Simulator, GOLang, Python /DjangoREST, EC2, Route 53, HTML5, Solaris, VSS

#### **At Huawei Technology as Sr. Software Engineer for Jan 2010 – Dec 2010**

<b>Clients</b>	<b>Adtran and SMART Telecom, Ireland</b>
<b>Project Name</b>	<b>Bridge Management System</b>
<b>Project Description</b>	<p>BMS is a Network Management Software (NMS), scalable suite used to manage Bridges in networks. It provides web based utilities for both network and system management. It has ability to discover TA500 and Netvanta shelves.</p> <p>It provides FCAPS functionality for these network elements. It provides ability to create bridges and all other functionalities of NMS</p>
<b>Project Duration</b>	Jan 2010 – Dec 2010
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>✓ Analysing the requirements and preparation of Technical Design documents for the enhancements like configuration support for new Network Element (Netvanta and TA5000)</li> <li>✓ Coding and Unit Testing of the enhancements / bugs</li> <li>✓ Technical design review and Code Review</li> </ul>
<b>Environment</b>	Linux, Core Java with JCF (Java Collection Frameworks), IPC Socket, Multithreading, Collections, Struts, Hibernate, EC2, JSP, Apache, GOLang, MySQL & MongoDB, Hadoop MapReduce, Node.js, Python with Django, JavaScript, VSS, SOAP, JQuery, HTML5, and RMI

<b>Client</b>	<b>UMobile, Malaysia</b>
<b>Project Name</b>	<b>Online Charging (Telecom)</b>
<b>Project Description</b>	Policy Charging and Rules Function-PCRF. Designed, developed and deployed an



	application that allows end user to use URL of telecom network providers to track and upgrade the internet plan and their daily activity status (upload and download the data) and allows their service providers to view data about usage.
Project Duration	Aug 2010 – Dec 2010
Responsibilities	<ul style="list-style-type: none"> <li>✓ Setup entire LAMP (Python / Django) Environment</li> <li>✓ Implementation of FCAPS functionality</li> <li>✓ Coding and Unit Testing of the enhancements / bugs</li> <li>✓ Developed generic components with data driven approach</li> </ul>
Environment	Node.js, Core Java (Collections, Garbage & Multithreading), Struts, Hibernate, JSP, MongoDB, GoLang, Linux, Apache, MySQL, Hadoop MapReduce, JQuery, GoLang, JavaScript, Java Script, Python (Django), VSS, SOAP, Diameter, and RMI

Client	<b>UMobile, Malaysia</b>
Project Name	<b>GPS Background Process (Telecom)</b>
Project Description	Build a PhoneGap plugin that can collect and transmit GPS data as a background process.
Project Duration	Aug 2010 – Dec 2010
Responsibilities	<ul style="list-style-type: none"> <li>✓ Setup entire LAMP (Python / Django) Environment</li> <li>✓ Implementation of FCAPS functionality</li> <li>✓ Coding and Unit Testing of the enhancements / bugs</li> <li>✓ Developed generic components with data driven approach</li> </ul>
Environment	Core Java with JCF (Java Collection Frameworks), Multithreading, Collections, Node.js, Linux, Apache, MySQL, Hadoop MapReduce, JQuery, REST, JavaScript, (Python / Django), SVN, SOAP, Diameter, and RMI

Client	<b>Adtran</b>
Project Name	<b>ADTRAN NMS</b>
Project Description	<p>ADTRAN NMS is a Network Management Software (NMS), scalable suite used to manage ADTRAN networks. It provides utilities for both network and system management. An intuitive graphical user interface enables users to accomplish administrative tasks in a simple and efficient manner. This easy-to-use software management suite is used to manage revenue-generating converged networks.</p> <p>LMS performs various functions from the OSI network management reference model. Primary functions include monitoring, event notification, service provisioning, and system configuration. It provides FCAPS. FCAPS is the ISO Telecommunications Management Network model and framework for network management.</p>
Project Duration	Aug 2010 – Dec 2010
Responsibilities	<ul style="list-style-type: none"> <li>✓ Implementation of FCAPS functionality</li> <li>✓ Coding and Unit Testing of the enhancements / bugs</li> <li>✓ Developed generic components with data driven approach</li> </ul>
Environment	Core Java with JCF (Java Collection Frameworks), Multithreading, Collections, Struts, Hibernate, JSP, MongoDB, Linux, Node.js, Apache, MySQL, Hadoop MapReduce, (Python / Django), SOAP, AWS Route 53, JavaScript, JQuery, SVN, HTML5, and RMI

#### **At ATHVed Innovation Lab, Pune / Bangalore from September 2004 to December 2009**

Client	<b>AllScript</b>
Project Name	<b>Radiology Information System – RIS</b> (Computerized Database System for radiology department)
Project Description	A Radiology Information System (RIS) is a computerized database used by radiology departments to store, manipulate and distribute patient radiological data and imagery. The system generally consists of patient tracking and scheduling, result reporting and image tracking capabilities.
Project Duration	Aug 2005 – Oct 2007
Responsibilities	<ul style="list-style-type: none"> <li>✓ Implementation of LAMP (Python / Django)</li> <li>✓ Coding and Unit Testing of the enhancements / bugs</li> <li>✓ Developed generic components with data driven approach</li> </ul>
Environment	Linux, Apache, Core Java with JCF (Java Collection Frameworks), Multithreading, Collections, MySQL, Python, VSS, and EC2

Client	<b>AllScript</b>
Project Name	<b>Download Image Segmentation using C++</b>
Project Description	<p>The goal of segmentation is to simplify or change the representation of an image into something that is more meaningful and easier to analyze. Image segmentations are typically used to locate objects and boundaries (lines, curves) in images.</p> <p>Medical Practitioners and Researchers are now using images defined by voxels and 3-D software to view X-rays cathode tube scans and Magnetic Resonance Imaging (MRI)</p>

	scans from different angles effectively to see the inside of the body from outside.
Project Duration	Aug 2006 – June 2008
Responsibilities	<ul style="list-style-type: none"> <li>✓ 3D-GSC algorithm for real-time 3D image segmentation</li> <li>✓ Coding and Unit Testing of the enhancements / bugs</li> <li>✓ Developed generic components with data driven approach</li> </ul>
Environment	Linux, Apache, C++, Core Java with JCF (Java Collection Frameworks), Multithreading, Collections, MySQL, Python, VSS

Client	<b>Pearson Education, MA, USA</b>
Project Name	<b>Payment Gateway for Online Examination</b>
Project Description	Payment gateways provide an interface to the system which provides payment processing. A payment type is passed to the payment gateway and the gateway executes the payment transaction with the payment system (e.g. PayPal). One payment type is associated with each payment gateway.
Project Duration	July 2008 – Jan 2009
Responsibilities	<ul style="list-style-type: none"> <li>✓ Establish (Python / Django) Environment. Migration from WAMP to LAMP (Python / Django)</li> <li>✓ Coding and Unit Testing of the enhancements / bugs</li> <li>✓ Developed generic components with data driven approach</li> </ul>
Environment	Linux, Apache, MySQL, Java, (Python / Django), and Drupal

#### Personal Profile

<b>Full Name</b>	<b>Kashinath Ganesh Gokarn</b>
Father's Name	Dr. Ganesh S. Gokarn
Date of Birth	28 <sup>th</sup> Aug 1980
Marital Status	Married
Nationality	Indian
Strengths	Proactive attitude, good team player, good written and communication skills
Contact	+91 951-322-2270
Email	<a href="mailto:contactme@kashinathgokarn.com">contactme@kashinathgokarn.com</a>
Passport No./Validity up to	Z4083585 / March, 2027
Languages	Kannada, Marathi, Hindi, English, and Japanese (JLPT 4 & 3)
Permanent Address	Flat #102, Bldg. # 813/A-1, Sathya Sai Nivas, 27 <sup>th</sup> Main, 5 <sup>th</sup> Cross, BTM 2 <sup>nd</sup> Stage, BTM Layout, Bangalore-560076, India
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