

Ganesh Pradhan

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PROFESSIONAL SUMMARY

A software programmer with over 3.5 years of professional experience in software development and planning. Innovative and results driven individual with an appetite for learning new technologies along with paying attention to minute details for application designs and functionality. Currently working in healthcare domain and actively seeking suitable positions in the software space across different domains.

EDUCATION

Master of Science Information System, University of Maryland Baltimore County; GPA: 3.67

Graduated: May 2018

Bachelor of Engineering, Computer Engineering, University of Mumbai; GPA: 3.5

Graduated: May 2013

TECHNICAL SKILLS

Programming Languages: C#, Python, Java, Groovy;
Web Technologies: HTML5, CSS, JavaScript, ChartJS, HighCharts, Angular, Web Services (RESTful/SOAP);
Cloud Programming: AWS, GE Predix, Cloud Foundry;
Database: MySQL, Oracle, PostgreSQL, MongoDB;
Frameworks: .Net Core, .Net v4.7, Asp.Net, Django, Node.js, Grails, ORM(NHibernate),
Concepts: OOA/OOD (UML, Design Patterns, Refactoring), Networking, Socket I/O, Microservices
Tools: Eclipse, Postman, Komodo IDE, Visual Studio 2019;
Data Analytics: Pandas, R Programming (Basic)

CERTIFICATIONS

Oracle Certified Professional Java Programmer (OCPJP)

Sep 2012

Python Programming from Udemy.com

Aug 2017

WORK EXPERIENCE

Vigilant Medical, Inc., Baltimore, MD – Full Stack Web Developer

July 2018 – Present

- Developed the complete backend for the company's flagship Image Sharing platform.
- Migrated a key product offering's web interface from Asp.Net/.Net to Asp.Net Core/.Net Core.
- Designed and developed the Single-Sign-On functionality using IdentityServer4 and AspNetIdentity frameworks.
- Re-engineered the inhouse legacy application enhancing support for concurrency and scalability using multi-threading.
- Increased the turnaround time for application and subsequent web services by 80% as a result of migration.
- Devised wrapper classes in NHibernate ORM to facilitate database migration from Mongo DB to PostgreSQL.
- Designed Razor Views in conjunction with HTML, CSS and KnockoutJS.
- Implemented Multitenancy in database to enable segregation of concern across the client groups.
- Developed RESTful API's using swagger to integrate several APIs with the client systems.
- Convened daily standups and sprint meetings in accordance with Agile methodologies using Microsoft VSTS.

Sparksoft Inc., Baltimore, MD – Product Development Intern

Aug 2017-May 2018

- Designed and developed the careers page for Sparksoft using the LAMP stack along with JavaScript and Bootstrap
- Created collections in MongoDB for storing the user records while adding on-the-fly authentication.
- Developed RESTful APIs to retrieve the results from the Sparksoft API for the company's careers page.

Sparkcognition, Austin, TX – Software Engineer Intern

May 2017-Aug 2017

- Developed and integrated different data models of the SparkPredict® Analytics Engine into the GE Predix cloud platform using python and Cloud Foundry.
- Created timeseries charts and graphs for visualization of uploaded Analytic models using ChartJS and HighCharts.
- Developed the front-end application for data visualization on the Predix platform using Polymer, Inuit CSS and Sketch.
- Collaborated with data scientists to understand and refine the predictive models for integration with the Predix platform

Misys Financial Software's Solution, India - Associate Software Developer

Jun 2015-Jul 2016

- Developed software applications for finance industry using C#, .Net and Java along with SQL Databases.
- Developed enhancements for OPICS, which supports front office and back office operations for banks worldwide.
- Utilized the ASP.NET Web API to create RESTful Services along with Web Forms for aesthetic appeal.
- Used the ADO.NET for database connectivity and entity framework using LINQ lambda expressions for queries.
- Summarized user stories for Business Analysts to enable requirements gathering and customer acquisitions.

Peel-Works Pvt. Ltd., India – Software Developer

Dec 2013-May 2015

- Developed a sales associate dashboard and HRMS for FMCG clients using Groovy on Grails, Java and MySQL.
- Developed test automation using Java and Selenium for test script implementation.

PROJECTS

UMBC, Baltimore, MD- Independent Study

Mar 2017-May 2017

- Architected, designed and developed a web application to accurately gauge the rehabilitation progress of Stroke Patients in the current healthcare system.
- Healthcare professionals use the application by analyzing patient data fed to it using sensors like Kinect.
- Utility of the application proven by therapists and clinicians who handled stroke affected patients.
- Attended numerous observation sessions and seminars at the University of Maryland Medical Center.
- Ported the experience to an Android Application for ease-of-use.

PIG Game Implementation Using JavaScript (Self Development Project)

Jan 2019-Feb 2019

- Developed and designed the interface for the Pig game using plain HTML and CSS.
- Used DOM manipulation and callback functions in plain JavaScript.
- Implemented data-binding in the application so as to display the computed values on the game interface from JavaScript.
- This was just a simple project to hone my JavaScript skills on the free time.