Pranay Pareek

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EDUCATION

MANIPAL INSTITUTE OF TECHNOLOGY

Bachelor of Engineering
Computer Science
2010-2014 Manipal, India
Cum. GPA: 7.89 / 10.0
Major GPA: 8.11 / 10.0

COURSEWORK

UNDERGRADUATE

Operating Systems + Practicum
Parallel Computing Architecture
Software Engineering
Distributed Computing Systems
Enterprise Applications &
Business Intelligence
Computer Graphics + Practicum

SKILLS

PROGRAMMING

Proficient:
• Java • Python • C++
• JavaScript
Familiar:
• C# • Go Lang • Git
• Android Development

CLOUD

• Docker • AWS
• VMware Data Center
Virtualization

WEB DEVELOPMENT

MEAN Stack:
• MongoDB • ExpressJS
• AngularJS • NodeJS
Front-end:
• HTML • CSS
• Bootstrap
Database Systems:
• MongoDB (NoSQL)
• PostgreSQL, MySQL

EXPERIENCE

SHIPPABLE | Associate Software Engineer

Sep 2014 - Current | Bangalore, India
- Full-stack responsibility for development of the Continuous Delivery (CI/CD) platform which includes development of the proprietary API, data visualization for analytics, and front-end development.
- Extensive use of Linux Containers using Docker to containerize various components of the SaaS platform.
- Resolving variety of customer issues and maintaining, enhancing the quality of the code base.
- Used to the critical and time-sensitive nature of a start-up environment. Pushing code to production on a daily-basis.

VMWARE | Member of Technical Staff - Intern

Jan 2014 – July 2014 | Bangalore, India
- Created an automation framework (written in Java; leveraged JSON file configurations and REST APIs) to automate the workflow of VMware vCenter Site Recovery Manager 5.5 (SRM) for internal Quality Engineering teams.
- The framework also included the automation of configuring storage replication adapters required for vSphere Replication (vR) used in site recovery.
- Worked with high-capacity commodity servers to simulate production environments and run intensive use-cases.

PROJECTS

Word Processing Software

Object Oriented Analysis & Design Praticum
A windows application aimed to build upon existing windows word processors by adding features such as speech input for text, text auto-completion and word-suggestions. Built using C# and MS Visual Studio.

Universal Chat Room

Personal Project leveraging Networking Practicum Coursework
A chat room web-application enabling users to be polyglots. Choosing a preferred language and translating on the go. Built using NodeJS and Google APIs.

HIGHLIGHTS

WINNERS - SCIENCE INDIA HACKATHON 2015

Best API use - SpringRole API | Backend Engineer (Team of 4)

APPRECIATION FROM VMWARE | Received appreciation from the VMware Security team (vSECR)

May, 2014
At an internal security hackathon, exposed an SSL vulnerability by simulating a Distributed Denial of Service (DDoS) in a controlled environment on various products of the VMware suite.

CATEGORY HEAD, FINANCE | Directorial Post, College Festival

Revels '13, Manipal Institute of Technology
Analogous to a CFO, successfully led a team of 4 to manage all the finances pertaining to Revels (2013 edition), a 4-day cultural festival hosted by the college, with participants from all over the sub-continent.