

AMIT PANDIT

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Profile Summary

- A result oriented professional with more than 4 years of experience in software development for web applications, database systems and ERP solution.
- Profound understanding of complex Data Structures, Algorithms and Design Patterns

Education

State University of New York at Binghamton

Master's in Computer Science

(August 2021 – anticipated completion September 2022)

Courses: Computer Architecture & Organizations (CS520), Operating Systems (CS 550), Design & Analysis of Computer Algorithms (CS575), Introduction to Computer Security (CS558), Design Patterns (CS542), Hardware and Security Systems (CS 542) and Introduction to Data Mining (CS535)

International Institute of Information Technology, Pune

Bachelor's in Computer Science

(August 2012 – May 2016)

Skills

Languages: Java, Python, JavaScript, C, C++, SQL, HTML5/CSS

Data Analysis: Pandas, NumPy, Matplotlib

Frameworks: ReactJs, NodeJs

Databases: MySQL, SAP HANA, Sybase ASE, Oracle

IDE: Eclipse, Microsoft Visual Studio, PyCharm, Jupiter Notebook

Projects

FIR Management App

JavaScript, ReactJs, NodeJs, MySQL, HTML/CSS

Developed a full-stack FIR Management App which take a record of online registration of FIR which helps to reduce human work and keeps track of it checks the process. Implemented this web application using HTML, JavaScript, and MySQL.

Passive IP Traceback (Computer Security)

C, MVC Architecture

Designed and developed a web server platform, where users can detect IP-Spoofers on a basis of Hop- Count Algorithm. Implemented MVC architecture using Python, hop-count algorithm which includes (0,1) detection system.

Book Inventory App

JavaScript, ReactJs, NodeJs, MySQL, HTML/CSS

Developed the bookstore inventory software platform which helps the users to manage book inventory and generate reports based on orders. Implemented RESTful web services using the HTML and JavaScript for User interface, MySQL Database.

Experience

Graduate Student Assistant - Binghamton University

(December 2021 – Still working)

Job Description

- Working on the Python and MySQL and Shell-scripting
- Developing different projects for undergraduate student in Advance Operating System, Hardware and Security.

Software Engineer - Bristlecone India Pvt. Ltd (Mahindra & Mahindra)

(August 2017 – July 2021)

Job Description

- Developed an Identity and Access Management web application using React, HTML, CSS following OAuth2.0 protocol to implement an authentication and authorization microservice at scale.
- Translated functional requirements into software designs and automated SDLC using developmental tools like Git for version controlling, Jenkins for CI/CD automation and Jira as a scrum management tool which helped to reduce manual intervention of developers and QA team resulting faster project delivery.
- Worked extensively with Confluence and Graylog that has helped in planning and excellent collaboration among distributed agile teams working remotely in Continuous Integration (CI) and Continuous Deployment.
- Trained team of 6 people on SAP Disaster recovery while working and eliminated impact on the delivery deadlines. Performed impact analysis and development of customer change requests and defects.
- Collaborated with cross-functional teams for designing, developing, and deploying project. Performed unit and functional tests using Selenium to deliver high quality software.

Associate Software Engineer - Bristlecone India Pvt. Ltd (Mahindra & Mahindra)

(August 2016 – July 2017)

Job Description

- Contributed to system installation, firmware upgrade, and middleware software development for SAP Systems. Implemented a shell script and helped developing JAVA-GUI to display real time report and verify availability of SAP systems for 13 landscapes with 39 peripheral systems.
- Actively Involved in Disaster recovery system drill of 3 Tier HANA Database, implemented and tested the HANA database operation, upgraded the service pack, installed add-on, created, and maintained client copy, system copy, worked on User data Management.
- Performed RFC creation activities to ensure proper communication among system landscape and performed upgradation of Oracle, HANA, SYBASE-ASE and Kernel systems.
- Worked with different teams like Hardware, Mechanical, Testing & Qualifications to best optimize the time to fix critical issues.