Poorvik Gambheer

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SKILLS

- **Programming Languages:** Java/J2EE, Python, JavaScript, NodeJS, SQL, Unix/Linux, HTML, CSS
- **Technologies/Frameworks:** Git, REST, SOAP, ORM, Spring MVC, Agile, Scrum, Kanban, DevOps, MySQL, Oracle, MongoDB, PostgreSQL, Scrum, Microservices, Jenkins, Docker, GraphQL, SDLC, SOA, Test-Driven Development, Kafka, AWS Lambda
- **Tools:** GitHub, IntelliJ, Eclipse, VS Code, PyCharm, Azure Cloud, AWS Cloud, MS Excel, Postman, Jira, Lucid Charts
- **Certifications:** Cloud Practitioner: AWS, Java Full Stack: IBM

PROFESSIONAL EXPERIENCE

Software Engineer 2 - IBM, *Bengaluru, India*   *Nov 2020 – Jun 2022*

- Coordinated a global agile team of managers and architects responsible for migrating on-premises infrastructure to AWS cloud using Test-Driven Development reducing application maintenance cost by 30%
- Constructed CI/CD deployments pipelines with a Jenkins pipeline using Docker, ECS, Kubernetes and EKS using ensuring streamlined and secure deployments
- Tracked vulnerability CVE scores and SLA's and managed deployment schedules and processes using ServiceNow
- Documented release, design, best practices and participated in code reviews and worked with production support monitored application using Splunk and provided knowledge transfer to new team members

Software Engineer 1 - IBM, *Bengaluru, India*   *Jun 2019 – Nov 2020*

- Actively contributed to a cross functional team responsible for developing and maintaining a billing and validation enterprise application which processed $200 million worth bills monthly
- Constructed robust microservices employing distributed microservices architecture using Java and Spring Boot using API layer, service layer and database layer that performed CRUDQ operation on Oracle database
- Designed and implemented an automation script in Python using file processing and regular expressions that identified and encoded vulnerable parameters bringing down redundant effort by 75%
- Resolved several critical and high vulnerabilities including cross site, session and SQL injection vulnerabilities using OWASP packages enhancing application resiliency to over 90%

INTERNSHIP EXPERIENCE

Software Developer Intern – SAP, *Philadelphia, PA*   *Aug 2023 – Feb 2024*

- **Software Asset Management:** Developed an in-house request tracking application in an Agile setting using SAP Fiori and SAPUI5, JavaScript and performed CRUDQ operations on an oData service interfacing a SAP HANA database
- Configured business roles, and implemented role-based authorization within the application, seamlessly integrated with enterprise Single Sign-On (SSO) and cloud IAM enhancing application security to over 80%
- Formulated a Secure Architecture Proof of Concept(PoC) documenting end-to-end architecture of a business application to present to senior security architects and deployed to test and production cloud subaccounts in SAP network zones

Software Engineer Intern – Iron Roots (Startup), *Austin, TX*   *May 2023 – Aug 2023*

- **Tempfolio:** Collaborated with a cross functional CTO, CEO, and other stakeholders, actively engaging in numerous requirements discussions and developed the UI/UX design of a Template recommendation application using Lucid Charts
- Constructed Python scripts to archive data from vendor GraphQL APIs and file export APIs, seamlessly storing over 4 million records in the backend database, replacing legacy batch processing and reducing processing time from 8 hours to 3 hours
- Developed backend NodeJS and express services interfacing React components and MongoDB database and fine-tuned RESTful APIs using a custom filtering mechanism reducing response time by 20%

PROJECTS

DocQuizz AI – AI, OPENAPI, Pinecone, LangChain - Github Link   *Aug 2024 – Sep 2024*

- Developed an AI-powered document processing and question-answering system using OpenAI GPT-3.5-turbo and LangChain, enabling efficient extraction, chunking, and querying of large PDF documents.
- Implemented a scalable vector search solution by integrating Pinecone as the vector store, optimizing document retrieval and enhancing the accuracy of natural language queries.

EDUCATION

Master of Science in Business Analytics, The University of Texas at Dallas

(GPA – 3.52) *Dallas, Texas*   *Aug 2022 –May 2024*

- Courses: Database Design, AWS Cloud Solution Architecture, Big Data and Analytics, Python Programming, Tableau

Bachelor of Engineering in Computer Science, Nitte Meenakshi Institute of Technology

(GPA – 7.32/10) *Bangalore, India*   *Aug 2015 –May 2019*

- Courses: Unix programming, Data Structures and Algorithms, Database Management Systems, Java Programming