VARSHA KARINJE

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Career Overview

Graduate of Computer Science looking for an entry level job in Software Engineering starting from August 2023 having experience in full stack software development and executing complex projects for the development and implementation of CRM tools

Education

Portland State University   **Jan 2022 - Aug 2023**
Master of Science in **Computer Science (3.84)**   Portland, Oregon

Visvesvaraya Technological University   **Jun 2015 - Jul 2019**
Bachelor of Science in **Information Science**   Mangalore, India

Technical Skills

Languages: Python, Java, C++, C, Go
Web Technologies: HTML, CSS, Bootstrap, JavaScript, jQuery, JSON, PHP, React.js, Node.js
Databases: MySQL, PostgreSQL, NoSQL
Salesforce Platform: Apex Programming, SOQL/SOSL, Aura and Lightning Web Components
Developer Tools: VS Code, Eclipse, Salesforce.com, Atlassian Jira, Jenkins, GitHub, GitLab, Bitbucket, Agile, Salesforce CRM, Docker, Kubernetes, Microservices, AWS, GCP, CI/CD, Testify, K6
Coursework: Data Structures, Algorithm Design and Analysis, Front End Web Development, Database Management, Machine Learning, Internetworking Protocol, Computer Architecture, Software Engineering, Internet, Web and Cloud Systems, Artificial Intelligence, **Agile**
Certificate: Salesforce Platform Developer I, **SAFe** Practitioner, **Crash Course on Python**
Operating Systems: Windows, Unix/Linux, Mac

Work Experience

Intel Corporation   **Jan 2023 – Aug 2023**
Graduate Technical Intern - Cloud   Hillsboro, Oregon

- Developed **APIs** for cloud software services, demonstrating programming skills and debugging skills in languages such as **Go and Python**
- Proficient in **Agile Scrum framework** and experienced with **Azure DevOps** for Agile project management
- Executed **automated test suites**, including integration, regression, load, longevity, chaos and performance tests, to ensure the quality and stability of the APIs
- Proficient in leveraging **Python** libraries and frameworks to streamline development processes and enhance code efficiency
- Demonstrated problem-solving skills, effectively identifying and resolving issues during development and in production environments, ensuring the smooth functioning of applications
- Worked extensively with **Amazon Web Services (AWS)** and integrated cloud services into enterprise application
- Performed containerization using **Docker and Kubernetes**, enabling seamless deployment and isolation of applications in different environments, along with building **CI/CD** pipelines using agile methodologies, **JIRA, GitHub, and Jenkins**
- Proficiency in RDBMS, with hands-on experience on platforms like **SQL Server, PostgreSQL** ensuring effective data storage, retrieval, and manipulation
- **Continuously learning** and staying up to date with the latest technologies and industry best practices to drive innovation and improve development processes
- In-depth experience working on **Unix/Linux-based platforms**, managing system configurations, and optimizing performance
- Conducted thorough **unit testing**, integration testing to identify and address any issues or bugs, ensuring the delivery of reliable and error-free software solutions

Office of Information Technology at Portland State University   **Mar 2022 – Aug 2023**
Infrastructure and Cloud Applications Junior Engineer and Student Assistant   Portland, Oregon

- Successfully managed operational tasks within Google Workspace, Adobe Sign, and Qualtrics, ensuring smooth and efficient utilization of the SAAS applications
- Refined and implemented integrations and process improvements involving infrastructure managed applications, resulting in enhanced productivity and streamlined workflows
- Demonstrated **exceptional coding skills**, writing clean, efficient, and maintainable code
- Actively participated in code reviews, fostering a collaborative environment and **ensuring code quality, readability, and adherence to established standards**
- Track record of **successfully delivering high-quality** web applications and services within agreed-upon timelines and meeting client requirements

SLK Software   **Oct 2019 – Dec 2021**
Software Engineer   Bangalore, India

- Created a lightning application for Emerson Machine Automation System Team as a Salesforce platform developer
- Built a community and partner portal for Emerson internal users and partners using service cloud and sales cloud
- Have knowledge and exposure in developing applications using APEX, Visual Force, Trigger, JavaScript, SOQL, Java
- Proven ability to communicate technical concepts clearly and concisely, fostering effective teamwork and collaboration among team members
- Skilled in leveraging front-end libraries and frameworks such as **ReactJS and NextJS** to create user-friendly and responsive web interfaces, enhancing the overall user experience

Projects

Upload, Detect and Translate | Python, flask, Google APIs, Eclipse IDE, Docker, Kubernetes, GCP   **Dec 2022**

- Engineered a web application that detects the image uploaded and translates the label found into desired language leveraging **AWS cloud services,** including **EC2, S3, DynamoDB, Kinesis, Lambda and CloudFront**
- Utilized various AWS services such as Lambda, S3, and DynamoDB to build scalable and resilient application
- Designed, documented, and executed the cloud-based application on **Google Cloud Platform**, ensuring quality assurance through unit testing and integration testing
- Resolved performance bottlenecks and scalability issues in SQL database, optimizing queries and indices for the application

Big Board | JavaScript, TypeScript, React, FastAPI,VS Code, AJAX, MongoDB, HTML5, CSS3   **Mar 2022**

- Developed robust and dynamic web application using **TypeScript** for improved type safety and maintainability
- Utilized **JavaScript** and AJAX to make asynchronous requests to the RESTful endpoints, retrieving and manipulating data
- Expertise in working with both SQL and NoSQL database technologies, including **MySQL and MongoDB**, to store, retrieve, and manage data effectively.
- Ensured efficient and scalable communication between components by implementing microservices architecture and developing **REST APIs** using technologies like **FastAPI**