Pratik Prakash Giri

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EDUCATION

Arizona State University, Tempe, AZ — **GPA: 4.0 / 4.0**
Master of Science in Computer Science
Expected graduation date — **Dec 2023**

Veermata Jijabai Technological Institute, Mumbai, *India* — **GPA: 8.14 / 10.0**
Bachelors in Electronics Engineering
Graduated in the top 10 percent of graduating class — **May 2019**

SKILLS

Programming Languages – Java (Proficient), JavaScript (Intermediate), Python (Intermediate), SQL (Proficient), HTML (Proficient)
Technologies/Frameworks – Spring, Spring Boot, Spring MVC, Maven, Hibernate, REST API, Node.js, MySQL, MongoDB, CSS, Kafka, Oracle Jet, WebLogic, Tomcat, Jenkins, Swagger, Spock/Groovy, Jasmine, GitHub, BitBucket
Softwares – Eclipse, Visual Studio Code, Postman, SonarQube, Atlassian Jira, Confluence
Others – DevOps, CI/CD, Docker, AWS, Git, Agile, Kanban, Scrum, Microservice Architecture, Linux

WORK EXPERIENCE

Software Engineer Intern at Credit Acceptance — **May 2023 – Present**

- Working as a backend developer on a web application serving the car dealers
- Largely working with Java, Spring Boot, REST APIs
- Developing microservices and REST APIs for external communication
- Responsible for writing JUnit test cases and code management using BitBucket
- Use Jenkins for Continuous Integration and Deployment

Technologies/Languages used: Java, Spring Boot, Maven, MySQL, HTML, Jira, BitBucket, Jenkins, IntelliJ IDE

Software Developer at Digital Innovation Group, Arizona State University — **Feb 2022 – May 2023**

- Worked as a full-stack developer on a web application project
- Primarily worked with Java, Spring MVC, MongoDB and Thymeleaf technologies with microservice architecture
- Created and exposed REST APIs for allowing external integration with the project
- Worked with Thymeleaf for processing and creating frontend
- Responsible for writing Junit test cases and code management using Git

Technologies/Languages used: Java, Spring, Spring MVC, Maven, MongoDB, MySQL, Kafka, Thymeleaf, HTML, Jira, GitHub

Associate Applications Developer at Oracle Financial Services Software — **Aug 2019 – Dec 2021**

- Developed microservices with Java, Spring, Spring Boot and Oracle Cloud. Built using Gradle and maintained using Git
- Created multiple Oracle Jet based UI components
- Used WebLogic for service deployment and Jenkins for CI
- Contributed to Oracle Open Community projects to enhance the functionalities of the frameworks and common core projects
- Built and extensively debugged 15+ microservices developed using Spring Boot, Spring MVC and Hibernate/Spring JPA

Technologies/Languages used: Java, JavaScript, Spring, Spring Boot, Oracle Database, Docker, MySQL, Kafka, Git, HTML, CSS, Oracle JET, WebLogic, Jenkins, Jasmine, Jira, Swagger, Groovy
Manager Details: Meghana Gune, Senior Director Software Development (*meghana.gune@oracle.com)*

Research Intern at Acuradyne Systems, IIT Bombay — **May 2018- Oct 2018**

- Research and development in the domain of Embedded Systems and Spring Microservices

PUBLICATIONS

IJRASET — **May 2019**

- *"Hearing-Aid Android Application using Machine Learning", Volume 7, Issue V, International Journal for Research in Applied Science and Engineering Technology (IJRASET) Page No.: 2805-2810, ISSN: 2321-9653, DOI: 10.22214/ijraset.2019.5461*

AWARDS & ACHIEVEMENTS

- *'**The Rising Star**' award for contributions to the team project by developing both backend and frontend at Oracle* — **Aug 2020**
- *'**Ever Ready**' award for my dedication and variety of responsibilities, including leadership, handled at Oracle* — **Aug 2021**

PROJECTS

Citesphere — **Feb 2022 – Dec 2022**

- Web application for creating and maintaining citations for students
- Primarily uses Java, Spring MVC, MongoDB, and HTML
- Implemented several REST APIs and is based on microservice architecture

Technologies/Languages used: Java, Spring MVC, MongoDB, HTML

AWS based Smart Classroom Assistant Application — **Aug 2022 – Nov 2022**

- Applies facial recognition to the videos gathered in classroom and locates the identified students in the database
- Uses AWS Lambda for serverless computing and scales-in and scales-out as per the traffic

Technologies/Languages used: AWS Cloud, Amazon S3, AWS Lambda, DynamoDB, Python