KESHAB ACHARYA

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PROFESSIONAL SUMMARY

Full Stack Developer with 4+ years of professional experience designing and developing scalable Java cloud-based applications. Skilled in building microservices, integrating relational databases, and implementing RESTful APIs, with expertise in Agile Scrum and DevOps methodologies. Experience working with CI/CD technology, Git sourcing, Docker containerization, automation & unit testing. Deep familiarity with Object Oriented Programming concepts. Active Public Trust Security Clearance.

EMPLOYMENT HISTORY

FULL STACK DEVELOPER   **Aug 2022 - Dec 2024**
Peraton Technology Services Inc   *Herndon, Virginia (Remote)*

- *Technologies Used* - Java/J2EE, Spring, Postgres SQL, JavaScript, TypeScript, JSP, Springboot, Maven, TestCafe, Junit, GitHub, AWS EKS, Jenkins, Splunk, Restful API, Angular, Docker, HTML, CSS, J-Query, Oracle SQL Developer, Databricks, SonarQube
- Developed & implemented scalable Java cloud-based applications, leveraging AWS S3 buckets & relational database using Postgres for robust backend data management and application maintenance
- Designed and developed dynamic, user-friendly web interfaces enabling user integration with data stored in relational databases.
- Implemented multiple UI reports to generate detailed analysis of scanned files, providing users with real-time data insights and errors
- Worked on optimizing code to enhance the performance of server pages and reduce UI report loading times, improving database queries execution time, and minimizing redundant database calls, ensuring faster and more efficient application performance.
- Constructed CI/CD pipelines with Jenkins to automate and build and deploy microservices using Gradle, Nexus, & Kubernetes
- Directed production deployments for multiple services ensuring end-to-end testing and successful deployment to EKS
- Performed various software testing principles such as debugging, automation testing with TestCafe, code documentation, and Unit Testing in Junit & Mockito ensuring 85%+ test coverage with SonarQube.
- Three times winner of Quarterly Core Value Award for outstanding performance in the team recognized by Team manager

SOFTWARE ENGINEER   **Aug 2021 - Aug 2022**
Capgemini America Inc   *Rosemont, Illinois (Remote)*

- *Technologies Used* - Java, Spring, Springboot, Maven, React, JavaScript, Splunk, Bitbucket, Eclipse, Git, Postman, XML, Thymeleaf, Swagger, Postman, GitHub, Jira
- Served as a consultant to nationwide clients, delivering tailed software applications in the financial sector such as Banks
- Developed full-stack Java/Java EE applications utilizing Spring Boot and React.js frameworks to create a user management system
- Leveraged RESTful APIs and Java libraries, including Spring Security, Apache Commons, Apache Maven, JDBC, and JPA Repository, to develop robust user authentication applications using Agile Scrum methodology.
- Completed Collaborating with Clients – Core Consulting Skills program to foster connection & communication with clients
- Certified Associate Java SE 8 Programmer – Oracle

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE   **2016 - 2020**
University of Maryland-College Park   *College Park, MD*

- Specialized in Software Engineering & Graduated with a minor in Astronomy

SKILLS

- Frontend – JavaScript, HTML, CSS, React, Angular, Thymeleaf, JSP, Typescript, Bootstrap
- Backend – Java, Spring, Springboot, Python, C, PostGres SQL, mySQL, Maven, Mockito, Postman, REST
- Tools – Eclipse, Github, Gitbash, Jenkins, AWS Eks, Kubernetes, Docker, Oracle SQL Developer, pgAdmin, Splunk, Databricks, Kafka, Sonarqube, VS-Code

RELEVANT PROJECTS

AUTHENTICATION   **July 2021**

https://github.com/keshab101/auth-em-db

- Full Maven Spring boot application that I created to showcase my experience in Spring, Maven, Java, Spring security, MySQL, Spring JPA, Database Access Objects.
- Technologies Used: Java, Spring, Maven, mySQL, Thyme leaf, JSP, HTML, Bootstrap, Rest API, Hibernate, Spring Security

PERSONAL PORTFOLIO   **June 2020**

https://keshab101.github.io/

- A front-end responsive web-portfolio that provides an in-depth overview of my skills, projects, and coursework that I worked on during my study at University of Maryland.
- Technologies Used: HTML, CSS, JavaScript, Bootstrap