SHRAVAN KUMAR BACHU

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SUMMARY

- Accomplished Software Engineer with 3 years of experience in full-stack Development and cloud computing.
- Currently pursuing a Master of Science in Computer Science at Purdue University, focusing on Software Engineering, Web Development, and Artificial Intelligence.
- Solid grasp of software development principles, application design, and proficient utilization of data structures and algorithms for efficient development.
- Proficient in agile methodologies, demonstrating a track record of adeptly analysing business requirements and application testing within cross-functional teams, consistently delivering impactful outcomes.
- Experienced in Java, Python, JavaScript, and cloud technologies like AWS, MySQL with practical familiarity in C++ and web frameworks like Angular and Node.

EDUCATION

Purdue University, Fort Wayne, Indiana   *May 2025*
Master of Science in Computer Science
(Relevant Coursework: Web Development, Software Engineering, Algorithm Design and Analysis, Database Engineering, Machine Learning, NLP)

SRM University, Sonepat, Haryana   *May 2020*
Bachelor of Technology in Computer Science and Engineering   *GPA: 9.1/10*
(Relevant Coursework: Computer Networks, Discrete Mathematics, Operating Systems, Web Technologies, Parallel and distributed computing, Artificial Intelligence and Expert Systems, Network Security)

EXPERIENCE

OpenText   *Bengaluru, India*
Software Engineer   *April 2023 - August 2023*
- Enhanced IoT devices' rule by developing a user-friendly UI, enabling seamless rule additions directly from the interface, resulting in a 85% reduction in configuration time and an expected 40% increase in user adoption.
- Improved application security and code quality by resolving fortify and BD issues, resulting in a 98% decrease in vulnerabilities and increased reliability.
- Tech Stack: Java, Spring Boot, Maven, Angular, Spark, MariaDB and Kafka.
- E-Invoice: Implemented the skeleton of REST API using spring boot application for the E-Invoice to comply with the recent French mandate.
- Collaborated with cross-functional teams to ensure timely project delivery.

Amazon   *Bengaluru, India*
Software Development Engineer   *April 2022 - March 2023*
- Centralized event collection and integration with relevant data stores using Java, Junit, and AWS services such as Lambda, Athena, S3, etc.
- Created an S3 data store to store AAS entities; developed a client library to persist undocumented AAS entities into the S3 data store.
- Created dashboards and custom metrics for performance monitoring.
- Reduced debugging efforts by 60% using the unified debugging tool.
- Improved the scan feature to differentiate return scans from regular scans, resulting in a ~20% reduction in CXQO inquiries thus improving efficiency and customer satisfaction.
- Tech Stack: Java, Junit and AWS services (Lambda, Athena, SQS, S3, Cloud Formation, Cloud Watch etc).

Cognizant Technology Solutions   *Chennai, India*
Program Analyst   *May 2021 - March 2022*
Program Trainee Analyst   *November 2020 - May 2021*
- Resolved dependency jar vulnerabilities and open redirect issues for 2 applications.
- Enabled and customized CI/CD pipelines for projects in GitLab, reducing the deployment time by 80%.
- Wrote a bash script to collect user and browser information from application logs.
- Developed 2 functionalities and the UI of a Claim Management System web app as part of an internship project.

PROJECTS

Portfolio Website Builder   *August 2023*
Aimed to effortlessly convert resumes into websites, empowering professionals and students to showcase their skills and experiences with ease, simplifying the portfolio creation process.
Tech Stack: HTML, CSS, JS, React, Spring Boot, AWS S3, Selenium and Git.

Freelancing Platform   *September 2023*
Intended to establish an efficient platform that connects freelancers with clients, incorporating essential features for a seamless freelancing experience.