

# SHRAVAN KUMAR BACHU

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## SUMMARY

An accomplished Software Engineer with a proven track record of 3 years in full-stack development and cloud computing. Possesses a solid understanding of software development principles, and application design, and adept utilization of data structures and algorithms to ensure efficient development processes. Proficient in agile methodologies, showcasing the ability to analyze business requirements and conduct application testing within cross-functional teams, consistently delivering impactful outcomes.

## SKILLS

**Backend:** Java, C, C++, Python

**Frontend:** HTML5, CSS3, JavaScript, React, AngularJS

**Technologies:** Spring Boot, Spark, Kafka, GIT

**Database:** MySQL, MariaDB

**Cloud:** AWS (S3, Athena, Lambda, SQS)

**Soft Skills:** Problem-Solving, Teamwork, Leadership

## 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 an 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

- Created an S3 data store to store AAS entities; developed a client library to persist undocumented AAS entities into the S3 data store.
- Centralized event collection and integration with relevant data stores using Java, Junit, and AWS services such as Lambda, Athena, S3, etc.
- 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.

## 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.