

# Shreshth Kushwaha

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LinkedIn | GitHub

## Education

- Texas A&M; University
- Aligarh Muslim University

## Achievements

- Professional Scrum Master Certified, REST API Developer
- Presented research Paper at WRFER ICEEE conference on smart charging of E-vehicles
- Published the same paper in the International Journal Of Advances In Electronics And Computer Science
- Ranked 3rd in the competitive programming contest Codeheat organized by Engineering College CS Department

## Experience

### Software Engineer, MiHIN (May 2024 - Present)

- Built scalable ETL pipeline (Python, AWS Lambda, S3, DynamoDB) for e-commerce platform; used Generative AI and LLMs with AWS CDK
- Migrated infrastructure to AWS CDK from Terraform, reducing costs by 90%
- Developed full-stack modules (Java, Python, ReactJS) for health data exchange platform

*Skills: AWS, Python, React JS, SQL, SpringBoot, Java, Docker, Kubernetes*

### Software Engineer Intern, MiHIN (June 2023 - Aug 2023)

- Improved project reliability by 60% and reduced environment errors by 90% through API rate limiter and Dockerization

### Software Engineer Intern, Cognizant Technologies (Feb 2022 - June 2022)

- Built productivity software using React JS & Agile methodologies; automated testing with Java Selenium

## Projects

### Party Animal

- Engineering a full-stack web app using SpringBoot and React to enable users to host & attend safe house parties
- Designed client-server architecture & wrote 15+ secure REST APIs to enable messaging, user authentication, etc
- Leveraging React JS along with Redux state management to create client-side application which can assist 10000s of university students in availing peer ride sharing and reducing DUI incidents by 90% and ride costs by 70%

*Tech Stack: Java, SpringBoot, MySQL, ReactJS*

### Victor Health

- Developed an Android Health platform for presenting users with workout sessions, customized meal planning, timed exercises; Provided workout session tracking with up to 80% accuracy
- Incorporated localized SQLite Database in the app for meal data, customized workouts, diet planning, etc
- Coordinated more than 30 workout-related states using Provider pattern; processed data using cool animations & interactive UI widgets for Pie charts, Stop Watch, Cards, etc

*Tech Stack: Android - Dart, SQL, UI/UX*

## Skills

**Programming:** SQL, Data structures and algorithms, Java, Dart, JavaScript, C++, Python, Object Oriented Prog.

**Technologies:** CI/CD, REST APIs, ReactJS, Selenium, AWS, Django, Flutter, JSON, Springboot, HTML/CSS

**Tools:** Git, Android Studio, Linux, Postgres, Docker, Shell, NoSQL, Postman, MongoDB, SOAP UI, VS code, Jira