

Shaik Ishaq Ahmed

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EDUCATION

- **Arizona State University** Tempe, Arizona
Master of Science in Computer Science May 2026
- **Ramaiah Institute of Technology** Bengaluru, India
Bachelor of Technology - Information Science Engineering June 2023

SKILLS

- **Languages:** Python, C, C++, JavaScript, SQL, Bash, Java, Dart
- **Frameworks:** Spring Boot, Django, Flask, Node.js, Angular, Flutter, React, NestJS
- **Tools:** Redis, Docker, Git, PostgreSQL, MySQL, SQLite
- **Platforms:** Linux, Web, Arduino, Raspberry, AWS

EXPERIENCE

- **Extreme Networks**
Associate Wireless Software Developer Jul 2023 - Jun 2024
 - **Fixed critical bugs:** Resolved four high-priority bugs in the Spring Boot codebase, including correcting SQL discrepancies affecting AP logs and resolving duplicate outputs for different APs.
 - **XAPIs:** Ported and developed XAPIs for switch management using Spring Boot, Protocol Buffers, JSON, and MVC architecture.
- **Nbyula**
Software Application Engineer Apprentice Mar 2023 - Apr 2023
 - **Lead of Messaging Service:** Oversaw the maintenance and addition of new features for the messaging service utilized across the platform, employing React.js, Socket.io, and Redis.
 - **Caching and Resizing Images:** Developed a standalone system for resizing and caching images on CloudFront from S3 using AWS Lambda Functions
 - **Moved Jenkins to Cloud:** Transitioned the Jenkins server from a local machine to AWS using Docker Containers.
 - **S3 to Vimeo Upload:** Implemented a Lambda function to transfer images from AWS S3 to a Vimeo folder.
 - **Record when user left call on Jitsi-Meet:** Developed features for Jitsi Meet to detect and record when a participant abruptly leaves the meeting
- **LoadShare Networks**
SDE Intern Sep 2022 - Dec 2022
 - **Slack Logs for Database Changes:** Integrated Slack logs into database changes by implementing endpoints in the Spring Boot API.
 - **Python Scripts:** Automated ETL processes in SQL by developing Python scripts.
 - **DevOps:** Containerized the application with Docker and implemented CI/CD pipelines.
- **Chiplogic Technologies**
Student Intern Software Developer Feb 2022 - Aug 2022
 - **5G Network:** Engineered network management and optimized time synchronization in 5G O-RAN Systems using C++
 - **Code Conversion:** Converted Python 5G network modules to low-level C++ for integration into a semiconductor chip.
- **Moneyfactory**
Back End Developer Jan 2022 - Jan 2022
 - **Created API from scratch:** Built and managed the Python backend using Flask.
 - **AWS Hosting and DevOps:** Deployed the Python API and website on AWS, and integrated CI/CD pipelines.

PROJECTS

- **Student Database:** Developed a database for managing student information in a college, including personal details, classes, exam dates, and subjects, using Flutter, Spring Boot, and MySQL.
- **Linux Scripts:** Created and utilized open-source scripts in Linux to simplify daily tasks, such as monitoring average RAM usage and sending emails from an AWS server when errors are detected in logs.
- **Recover CryptoCurrency Ledger Seed (A program to find human errors in the 24 word seed):** Implemented Levenshtein distance algorithm to find the closest word and verify the validity of a cryptocurrency ledger seed.
- **Deskreen(Deskreen turns any device with a web browser into a secondary screen for your computer):** Packaged and published an open-source project on Arch Linux as part of a contribution to the community.
- **Sense Weather:** Built SenseWeather, a weather app using the OpenWeatherMap API to provide weather updates for the current location and more, using Flutter.

HONORS AND AWARDS

- Ranked 128 out of 1092 teams in SHELLCTF 2022 - August 2022
- 3rd Prize in a CTF Event at Google Developer Student Club at MSRIT - Dec 2021
- 2nd prize for Catch the anomaly by IEEE - Mar 2021