

# Saqib Hussain Ganaie

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## EDUCATION

### National Institute of Technology Srinagar

Bachelor of Technology in Information Technology

CGPA: 8.0

December 2020 – July 2024

## EXPERIENCE

### Jr. Web Developer 1

Aganitha Cognitive Solutions

July 2024 – Present

Hyderabad, India

- Designed and developed Epitope Selection Platform using TypeScript, React, and Node.js, enhancing scientists' efficiency in epitope selection by 60% through a customized chatbot powered by Large Language Models (LLMs).
- Introduced the Path Finder algorithm, optimizing resource presentation and documenting user journeys, resulting in a 50% reduction in time spent on epitope identification.
- Engineered a Self-Service-Portal with Node.js, Express.js, and SLURM integration, automating job management and tool provisioning, reducing operational overhead by 40%.

### Web Developer Intern

Aganitha Cognitive Solutions

January 2024 – June 2024

Hyderabad, India

- Built a reverse proxy server utilizing Node.js and Docker, enabling automated CNAME assignments for 25 containers, which resulted in a 50% decrease in web access issues reported by employees.
- Built HWL Portal with 11ty, creating a static website that integrates with GitHub to display ML model resources, providing a client-friendly web view and ensuring continuous updates from the repository.
- Engineered CI/CD pipelines using Cronjobs and deployed the portal on AWS EC2 with Caddy Web Server, enhancing website security with automatic HTTPS and improving deployment efficiency.

### Software Developer Intern

National Institute of Technology Srinagar

April 2023 – September 2023

Kashmir, India

- Created an Electricity Bill Management System for EM&R department, cutting paperwork by 98%, operator workload by 95% and slashing errors by 99.9%.
- Crafted UI for 1400+ users, resulting in a 30% increase in user engagement metrics such as average session duration and click-through rates, while reducing bounce rate by 15%.
- Deployed application on Docker and Nginx, cutting setup and deployment time from 2 hours to 10 minutes, while decreasing latency by 62%, ensuring faster and more reliable access for users.

## PROJECTS

### Kashmir Crafted | Node.js, Express.js, React.js, MongoDB, Shadcn/UI, Docker

 Live Link

- Developed and maintained a robust e-commerce application for Kashmiri handicrafts, employing state-of-the-art technologies; optimized database queries, resulting in a 50% decrease in backend processing time during peak hours.
- Implemented secure user authentication using JWT and integrated MongoDB Atlas as the database solution, optimizing data management.
- Orchestrated containerization of the e-commerce platform using Docker, enabling rapid scaling to handle up to 1,000 concurrent users during peak traffic periods without compromising system performance or user experience.

### VCBAMU | Jinja, CSS, Django, SQL, Docker

 Github

- Led a team of 4 developers to design and develop a digital hiring portal for BAMU University, transforming a paper-based process into a streamlined online platform.
- Spearheaded the application deployment on university servers using Docker, ensuring a reliable and efficient deployment pipeline.
- Digitized the university's vice-chancellor hiring process, resulting in a 40% increase in operational efficiency and enhanced user experience for candidates and administrators.

- Architected a Java-based chat application using Socket Programming and AWT, enabling real-time client-server communication over a network.
- Designed and implemented a Swing-based graphical user interface (GUI) for both the server and client, incorporating event handling for efficient message exchange.
- Optimized network communication and message handling in a multi-threaded environment, ensuring reliable real-time chat functionality and scalability for multiple users.

## ACCOMPLISHMENTS

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**JavaScript Proficiency:** Achieved a top-tier score of 95% in a JavaScript proficiency examination conducted during an event hosted by NIT Srinagar.

**College eSports Event Organizer:** Organized a college eSports event sponsored by Acer, attracting participation from over 60 gamers and attended by more than 100 spectators

**Code Kaze Competition:** Achieved an All India Rank of 1432 in a national-level competitive programming contest, highlighting solid coding skills and dedication.

## CERTIFICATES

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**NodeJs:** [Certificate Link](#)

**Linux:** [Certificate Link](#)

**Docker:** [Certificate Link](#)

**RestAPI:** [Certificate Link](#)