

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 every container running on the server, which resulted in a 47% 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.

TECHNICAL SKILLS

Languages: JavaScript, Java, TypeScript, Bash

Frontend: ReactJs, CSS, Figma, 11ty

Backend: NodeJs, ExpressJs

Databases: MongoDB, SQLite, MySQL

DevOps: Linux, Docker, Git/GitHub, Nginx, Postman

ACCOMPLISHMENTS

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

NodeJs: [Certificate Link](#)

Linux: [Certificate Link](#)

Docker: [Certificate Link](#)

RestAPI: [Certificate Link](#)