Saqib Hussain Ganaie

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EDUCATION

National Institute of Technology Srinagar   CGPA: 8.0
Bachelor of Technology in Information Technology   *December 2020 – July 2024*

EXPERIENCE

Jr. Web Developer 1   July 2024 – Present
Aganitha Cognitive Solutions   *Hyderabad, India*
- Developed a React and D3-based platform (DISTILL) enabling scientists to review, edit, and visualize studies, enhancing collaboration and data accessibility.
- Built a Self-Service Portal for web-based scientific tool access, using Docker and SLURM to manage high-performance job submissions.
- Created a LinkedIn authentication server for a WordPress site, capturing user data in MongoDB for lead generation and redirecting authenticated users to resources.

Web Developer Intern   January 2024 – June 2024
Aganitha Cognitive Solutions   *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 38% 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 Github Actions and deployed the portal on AWS EC2 with Caddy Web Server, enhancing website security with automatic HTTPS and improving deployment efficiency.

Software Developer Intern   April 2023 – September 2023
National Institute of Technology Srinagar   *Kashmir, India*
- Developed a comprehensive electricity bill generation software for NIT Srinagar.
- Implemented functionalities such as Authentication and allowing the admin to create, update, and delete rooms, users, and quarters.
- Provided features for operators to generate bills, add readings, and lock readings for efficient utility management.

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

PROJECTS

MediAI | *React, LangChain, Transformers.js, Shadcn/UI, Tailwind CSS*
- Developed a Medical Report Analysis app using Retrieval-Augmented Generation (RAG) powered by LangChain and Pinecone, enabling efficient document retrieval and analysis.
- Developed a responsive UI with React, Tailwind CSS, and Shadcn UI, supporting file uploads and progress tracking.
- Used large language models to analyze and extract insights from medical reports, improving data processing and user interaction..

VCBAMU | *React, CSS, Node, MongoDB, Docker*
- 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.

JavaChat | *Java, AWT, Socket Programming, Docker*
- Developed 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 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

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