MUHAMMAD SHEHRYAR AHMED

Full-stack developer with expertise in React.js, Python, and RESTful APIs. Skilled in building scalable applications, optimizing data workflows, and designing user-friendly interfaces. Passionate about leveraging runtime variability in software systems and solving complex data challenges.

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WORK EXPERIENCE

Securiti 🔗 **securiti.ai**   AUG 2023 - SEP 2024
Software Engineer

- Full-stack development with proficiency in Python, ReactJS, TypeScript, JavaScript, HTML5, SCSS, and Foundation Framework, and across various database systems (MySQL, PostgreSQL, Oracle, MongoDB).
- Utilized development tools like SonarQube, Sonarlint, Jira, Confluence, SVN, and Git, including writing cron jobs.
- Developed and tested a Unified Data Graph with over 500 nodes forming exponential relations, designed ReactJS components, and created Python scripts to optimize data graph functionalities.
- Contributed to Access Intelligence, analyzing user privileges across cloud ecosystems (AWS, GCP, Snowflake, Databricks) within an Agile environment.

Design Henge 🔗 **designhenge.com**   APR 2023 - AUG 2023
Associate Software Engineer

- Front-end development using Django REST framework, AngularJS, HTML5, and CSS, following MVC architecture.
- Developed PHP-based web solutions, managing backend processes with Linux and Python.
- Optimized backend data handling and API integration with MongoDB.

Equinix 🔗 **equinix.com**   JAN 2022 - JAN 2023
Software Developer (Contract based)

- Employed Bash and SQL for efficient data operations.
- Developed user-friendly React.js applications, focusing on dynamic UI/UX.
- Proficient in Bash and SQL for data operations.

EDUCATION

MS Computer Science   OCT 2024 - Present
UNIVERSITÄT DES SAARLANDES | Germany
Interests: Configurable Software Systems, HCI

BS Software Engineering   AUG 2019 - JUN 2023
FAST NUCES | Pakistan

ACHIEVEMENTS

- 📈 Progressing in my German Language skills
- ✋ Volunteered at **Let's Awake Inc.** to support education in rural areas
- 🍲 Cooking the best food I can
- 🏅 Being on the Dean's List for academic excellence during my Bachelor's

SKILLS

Frontend: React.js, Vue.js, UI/UX Design, HTML, CSS

Backend: Node.js, RESTful APIs, Socket.IO

Cloud & Databases: AWS, MongoDB, MySQL, GCP

Tools & Frameworks: Git, Agile, WebSocket

CERTIFICATIONS

Full Stack Open 2024 (University of Helsinki)

Microsoft Azure Fundamentals (AZ-900)

KodeKloud Docker for Beginners

CS50's Web Programming with Python and JavaScript (Harvard)