Muhammad Ahsan

2 years of extensive experience in building web application.

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Work Experience

Freelance (Upwork & Fiver) - fiver.com/ahsanjsdev   Sept 2018- *Present*
Software Engineer - Full Stack Engineer - Part time
- Collaborated with clients to understand requirements and project vision.
- Conducted meetings to discuss objectives, user needs, and functionalities.
- Formulated project plans and recommended technology stacks.
- Advised on suitable technologies and frameworks.
- Delivered tailored solutions, ensuring client satisfaction and repeat business.

Startrum - startrum.com   Sept 2023- April 2024
Jr. Software Engineer - Full Stack Engineer
Projects - BillTracker, ConsortApp.
- Built and maintained both frontend and backend components of web applications.
- Developed Python scripts and AI applications utilizing pre-trained models such as GPT.
- Employed Node.js, Next.js and MySql technologies for web development.

Secomind.Ai - secomind.ai   May 2022 - October 2020
Jr. Software Engineer - Backend Developer
Projects - 30mins.com.
- Developed key features such as a round-robin meeting schedule system, collective availability, and a chat module.
- Utilized TypeScript, Next.js, MongoDB and GraphQL to build and enhance the application's backend.
- Collaborated with the product team to translate requirements into technical deliverables.

Swoopcart Technologies - swoopcart   February 2022 - June 2022
Intern Software Engineer - Backend, Cloud DevOps & Frontend
Projects - Swoopcart mobile app
- Worked as a backend developer alongside the team lead to develop the Swoopcart mobile app.
- Utilized Firebase, TypeScript, MongoDB, and React Native for the client side of the application.

Education

School of Informatik, BTU Cottbus.   April 2024 - *Present*
Master of Science MS.AI - *Artificial Intelligence*

School of Computer Science, SIBAU.   January 2019 - May 2023
Bachelors of Science BS.CS - *Computer Science*
- Relevant classes: Data Structures & Algorithms, Object Oriented Programming, Digital Image Processing, Machine Learning, etc.
- Honors & Awards: Fully Funded Scholarship for entire bachelor's degree. (2019-2023); 3rd Sumo War Competition – Tech Fest (2023) - SIBAU

Technical Skills

- Design & development of efficient and scalable systems with emphasis on durability and simplicity that solve *complex* user problems.
- Coding of backend services, REST APIs and automation scripts in JavaScript. I am also familiar with Python and Java.
- Design & development of automated cloud infrastructure for cloud-native applications with flexible scaling and fault tolerance.

Languages	JavaScript (Node.JS, Nest.js, GraphQL, TypeScript, React) Java, Python, Bash
Platforms	AWS, Digital Ocean, Linux
Tools	Docker,Git, GitHub, etc.
Databases	MySQL, MongoDB, Redis, Firebase realtime database
Philosophies	Agile development (Scrum), Test-driven development

Projects

Metaroom	Complete Solution for E-learning (Node.JS, TypeScript, Next.js, MongoDB, AWS)
TSAS	Tweets sentimental analysis system (Python, Django, Sql, Roberta)
DataEncoder	Data Enoder using huffman algorithm (Java)
Pharmacy App	Point of sale for Pharmacy (Java, MySql, JavaFX)