Farhan Ali

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ABOUT ME

I am a Software Engineering student passionate about learning new technologies to enhance my programming skills. With practical experience in Java, C#, Python, and JavaScript, I am eager to apply my knowledge to software security and contribute effectively.

WORK EXPERIENCE

08/2023 – 12/2023 Karachi, Pakistan
DATA SCIENTIST INTERNEE SYSTEMS LIMITED

- **Analyzed large datasets** to extract meaningful insights and support data-driven decision-making.
- **Preprocessed and transformed data** using various techniques to improve model accuracy and efficiency.
- **Developed and fine-tuned neural networks** for predictive analysis and machine learning applications.
- **Collaborated with the data science team** on research projects, contributing to model development and evaluation.
- **Automated data workflows**, optimizing pipelines for faster and more efficient processing.
- **Documented findings and presented results** to stakeholders, providing actionable insights and recommendations

01/01/2025 – CURRENT Karachi
FULL STACK DEVELOPER ELEVATE CARTS

- Developing and maintaining **scalable web applications** using **React.js, Next.js, Node.js, and Express.js**.
- Designing and optimizing **SQL and NoSQL databases** for efficient data management.
- Implementing **responsive UI/UX designs** and enhancing performance for both **desktop and mobile users**.
- Integrating **APIs** and third-party services to improve functionality and user experience.
- Collaborating with cross-functional teams to develop **e-commerce platforms** and **custom web solutions**.
- Ensuring **code quality, security, and performance optimization** in production environments.
- Managing **cloud deployment** and version control using **Git, Docker, and CI/CD pipelines**.

EDUCATION AND TRAINING

09/2020 – CURRENT Karachi, Pakistan
BS SOFTWARE ENGINEERING UIT University

DIGITAL SKILLS

Javascript(Nodejs, ExpressJs) | SQL | Python | Docker | Version Control System (Git) | Mongodb / Mongoose | Ubuntu / AWS | Basic knowledge of penetration testing tools like MetaSploit, nmap | Github | Kali Linux - beginner | Javascript / Typescript / Node / Express | SQL and MS-SQL | Vue.js (Junior) | App development: Flutter & Dart, React & React native,

VOLUNTEERING

09/2023 – 01/01/2025 Karachi
Microsoft Student Ambassador

I organized events and workshops on Git, Microsoft tools, and other technologies. I facilitated learning sessions to help peers enhance their skills and stay updated with the latest industry trends.

● PROJECTS

06/02/2025 – 03/05/2025
Elevate Carts

- Designed and developed a **high-performance, scalable** e-commerce platform using **Next.js, React.js, and Node.js**.
- Built a **custom CMS and admin panel** for efficient product and order management.
- Integrated **secure payment gateways** and third-party APIs for seamless transactions.
- Optimized website performance for **fast loading speeds** and **SEO best practices**.
- Developed **responsive UI/UX** ensuring a smooth experience across **desktop and mobile**.
- Implemented **server-side rendering (SSR) and static site generation (SSG)** for improved performance.
- Managed **database architecture** using **SQL/NoSQL solutions**, ensuring data integrity and security.
- Deployed and maintained the project using **cloud services, Docker, and CI/CD pipelines**

Link https://elevatecarts.com

Amazon Chapter

- Developed a **platform connecting users with Amazon FBA mentors and courses** using **Next.js, React.js, and Node.js**.
- Designed an **intuitive UI/UX** to help users easily explore and enroll in Amazon FBA training programs.
- Implemented **a directory of FBA experts**, allowing users to browse and connect with instructors.
- Integrated **dynamic filtering and search** features to enhance user experience.
- Optimized the website for **fast performance and SEO**, ensuring higher visibility.
- Built a **secure contact and inquiry system** for direct communication between learners and mentors.
- Managed **database architecture** using **MongoDB and PostgreSQL**, ensuring data reliability.

Link https://amazonchapter.com

Peptides Calculator App

Platform: Web & Mobile App *(React.js, Next.js, Node.js, Express.js)*
- Developed a **biotech calculation tool** for peptide researchers and chemists.
- Implemented **advanced mathematical models** for accurate peptide synthesis calculations.
- Designed an intuitive UI/UX for seamless **web and mobile usability**.
- Ensured **high-speed performance** and **data precision** with optimized algorithms.
- Built **secure data storage** and user authentication for saving calculations.
- Deployed and maintained using **cloud services, Docker, and CI/CD pipelines**.

Lunch Thymes

- Designed and developed a **restaurant management platform** with **React.js, Node.js, and Express.js**.
- Implemented **a real-time order tracking system** to streamline restaurant workflows.
- Integrated **secure payment processing** and automated invoice generation.
- Developed a **mobile-friendly UI/UX**, ensuring smooth ordering for customers.
- Built an **admin panel** for restaurant owners to manage orders, menus, and delivery logistics.
- Deployed and maintained using **cloud hosting and CI/CD pipelines** for seamless updates.

Link https://itslunchthyme.com