

Saad Mahmood

Skilled Software Engineer with expertise in JavaScript, React.js, Node.js, and MongoDB, passionate about building scalable, user-centric applications. Experienced in full-stack development and agile methodologies.

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📍 Lahore, Pakistan

🌐 saadmahmood

🐙 saad-mahmood

SKILLS

Languages & Frameworks: JavaScript (ES6+), TypeScript, Dart, Flutter, React.js, Next.js, Node.js, Express.js, Redux, GraphQL, RESTful API Development

Databases & Storage: PostgreSQL, MongoDB, MySQL, Firebase Firestore

DevOps & Tools: Git, GitHub, Docker, GitHub Actions (CI/CD), Postman, Visual Studio Code

Cloud & Hosting: AWS (EC2, S3), Vercel, Render

Web & UI: HTML5, CSS3, Tailwind CSS, Responsive Design, JWT Authentication, Agile/SCRUM

WORK EXPERIENCE

DHA Lahore Official

MERN Intern

July 2024 - Sep 2024

- Developed using **MERN** stack integrated dynamic, responsive web pages using **React.js** for the Internship Portal.
- Assisted in developing **RESTful APIs using Node.js and Express** for backend services, ensuring seamless front-end and back-end integration.
- Utilized **MongoDB for scalable data management**, improving data retrieval and storage efficiency.

lalaland.pk

Android Development Intern

Aug 2023 - Oct 2023

- Developed an **Android app in Kotlin** for delivery personnel with **XML layouts** and **Retrofit API integration**.
- Consumed **Laravel-based REST APIs** and managed data using **MySQL** for efficient backend operations.
- Participated in **daily stand-ups and code reviews**, contributing to feature builds and app optimization.

PROJECTS

Guidera – AI University Guidance Platform (FYP) [🔗](#)

Summer 2024 - Fall 2025

- Developed an AI-driven university guidance platform with **Flutter** and **MERN**, integrating **RESTful APIs** and **PostgreSQL** for backend services.
- Developed **RESTful APIs in Express** for user management, mock tests, application tracking, and chatbot integration.
- Trained and deployed a **Random Forest** to deliver personalized degree recommendations based on academic scores, preferences, and personality traits.
- Integrated **mock tests with dashboards** and an **NLP chatbot** for targeted exam prep and instant academic support.

DevOps: Term Project [🔗](#)

- Led a 6-member team in implementing **Git Flow** and **CI/CD pipelines**, ensuring code quality and **100% uptime** for **deployments**.
- Built **CI/CD pipelines in GitHub Actions** for linting, testing, and automated deployments to all environments.
- Deployed a **static website via GitHub Pages** with zero build failures and 100% uptime.

EDUCATION

University of Central Punjab, Lahore

Bachelor of Science in Software Engineering - 3.78

Oct 2021 - Jul 2025

Awarded the Director's Merit Scholarship while earning my B.Sc. in Software Engineering, where I honed technical skills through hands-on projects, built a strong professional network, and represented UCP on the university football team.

CERTIFICATE

IBM Full Stack Software Developer [🔗](#)

DevOps, Cloud, and Agile Foundations [🔗](#)

Web Scraping with Scrapy and Python [🔗](#)