

Asad Tariq

Software Engineer

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SUMMARY

An aspiring Software Engineer with experience in web development, database management, and Machine Learning. Passionate about creating meaningful projects, learning new technologies, and tackling exciting challenges.

EDUCATION

B.Sc in Computer Science

2021 – Present

GPA: 3.48 / 4.0

FAST NUCES

Karachi, Pakistan

A level

2018 – 2020

Foundation Public School

Karachi, Pakistan

WORK EXPERIENCE

Trainee Software Developer (MERN/Next.js)

Empiric Technology

Karachi, Pakistan

Feb 2025 – Present

- Building full-stack apps using React.js, Next.js, and Node.js with CMS integration via Strapi.
- Assisting in API development, deployment (Vercel), and cross-functional collaboration.
- **Technologies:** React.js, Next.js, Node.js, Express.js, Strapi CMS, Vercel, Git.

Full Stack MERN Developer Intern

10Pearls

Karachi, Pakistan

Oct 2024 – Dec 2024

- Created a responsive note-taking app with user auth and full CRUD features.
- **Technologies:** React.js, Node.js, Express.js, MongoDB, JWT.

PROJECTS

Notes App:

A full-stack serverless MERN application for efficient note management with advanced features.

- Built a full-stack note-taking app with React and Node.js, enabling secure CRUD operations.
- Migrated to serverless architecture using AWS (Lambda, API Gateway, S3), improving scalability and performance.
- **Tools:** React.js, Node.js, Express.js, MongoDB Atlas, AWS, Vite, Tiptap, Formik, JWT, Mocha, VITEST.

Fake News Detection Website:

Developed a fake news detection website that classifies text as real or fake.

- Implemented supervised learning for text classification (fake vs. real news) using CSV files for training and testing data.
- **Tools and technologies:** HTML/CSS, FLASK, Scikit-learn, Pandas, Numpy, Jupyter, VS Code.

SKILLS

Programming Languages:

C, C++, JavaScript, Python

Cloud & DevOps:

AWS (Lambda, S3, API Gateway, CloudFront), Vercel, Git

Web Development & Frameworks:

HTML, CSS, React.js, Next.js, Node.js, Express.js

Machine Learning:

Scikit-learn, Pandas, NumPy, TensorFlow, Keras

Backend & CMS:

MongoDB, MySQL, PostgreSQL, Strapi, Payload CMS

Game Development:

Phaser.js

Soft Skills:

Problem Solving, Responsiveness, Attention to Detail, Teamwork, Communication

AWARDS AND ACHIEVEMENTS

- **Dean's List of Honor:** Spring '23 — Spring '22 — Fall '21
- Sadequain Grammar School's Highest Achiever in CAIE (GCE O Level) 2018.