

# Anila Salman

## Full Stack Developer

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### Summary

Full Stack Developer with experience building and maintaining full-stack applications using React.js, Next.js, Node.js, Express.js, and MySQL/MongoDB. Skilled in database optimization, REST API development, and debugging with a focus on performance and scalability. Strong foundation in JavaScript (ES6+), API integration, and problem-solving through real-world projects and internships.

### Education

**Air University, Islamabad**

2021 – 2025

Bachelor of Science in Computer Science

### Technical Skills

**Frontend:** React.js, Next.js, JavaScript (ES6+), HTML5, CSS3, Tailwind, Material-UI

**Databases:** MySQL (schema design, queries, indexing), MongoDB, Firebase, MS SQL Server

**Tools:** Git, GitHub, Postman, VS Code

**Other:** Python, C++, C#, API Integration, Agile/Scrum

### Experience

**Full Stack Developer Intern at Protech Hub**

Mar 2023 – Jul 2023

- Built full-stack applications using React.js, Node.js, Express.js, and MySQL with optimized queries.
- Developed and tested REST APIs, integrating third-party services and documenting endpoints in Postman.
- Debugged backend services and improved performance through database indexing and query optimization.

**React Developer Intern at CodexCue Solutions**

Jul 2024 – Aug 2024

- Built and optimized front-end features using React.js and integrated APIs with Node.js/Express backend.
- Worked with MySQL/MongoDB queries and validated data performance in real-time workflows.
- Performed API testing and validation with Postman to ensure correct functionality.
- Collaborated with team in Agile sprints for feature delivery, debugging, and quality assurance.

**Web Developer Intern at BharatIndia**

Aug 2023 – Sep 2023

- Developed responsive web interfaces using HTML5, CSS3, and JavaScript.
- Integrated and validated REST APIs for real-time functionality and dynamic updates.
- Ensured cross-browser compatibility, responsive design, and optimized performance.

### Featured Projects

**Sports Sphere** | ASP.NET 7, Blazor, MS SQL Server

E-Commerce Platform

- Built modular e-commerce platform for sports products with user and admin interfaces.
- Implemented layered architecture with class libraries and persistent data storage in MS SQL Server.

**Student Productivity Enhancement System** | JavaScript, PHP, Python, OpenAI, Google Cloud

Final Year Project

- Developed full stack education platform with JavaScript frontend and PHP backend.
- Integrated Google Classroom API, OAuth, and cloud services for authentication and scalability.
- Implemented AI-driven automation features using Python and OpenAI API.

**Real Estate Connect** | React, Node.js, MongoDB

Full-Stack Web App

- Developed marketplace with React frontend, Node.js/Express backend, and MongoDB database.
- Implemented secure API integrations and optimized data queries for scalability.

**Fake News Detection System** | React, Flask, Python, NLP

Machine Learning Web App

- Created NLP-powered fake news classifier with React frontend and Flask API backend.
- Built dashboards for classification confidence scores and validated ML outputs.

### Certifications

- Web Development in JavaScript (Coursera)
- Front End Development with React JS (Coursera)
- Front End Development (Meta)
- Relational Database Design (University of Colorado Boulder)
- Database Design with SQL Server (Coursera)
- Programming Foundations with JavaScript (Duke University)
- Flutter Development (Google Cloud)
- Full Stack Twitter Clone (Next.js)