Ayyan Ali Siddiqui

📞 +92 3180282020 | 📍 Karachi, Pakistan | ✉ rayyanali2705@gmail.com
🔗 LinkedIn | Github

Career Objective

Results-oriented Software Engineering student with a solid foundation in full-stack web development and emerging skills in AI/ML. Seeking an internship or entry-level role to apply my coding abilities, contribute to impactful projects, and grow as a software developer. I enjoy solving problems, picking up new tools quickly, and developing well-designed, practical projects.

Skills

- **Programming Languages**: Java, Python, JavaScript, TypeScript, and C.
- **Front End Development**: HTML, CSS, React, ThreeJS, Thymeleaf, JSP, Razor Pages.
- **Backend Development**: NodeJS, ExpressJS, Spring, Spring Boot, .NET MVC/Web Forms, Java Servlets.
- **AI/ML:** Scikit-learn, Pandas, NumPy, basic model training and evaluation.
- **Software Development:** Java Swing, JavaFX.
- **Database System:** Oracle SQL, MongoDB, PostgreSQL.
- **Software Tools**: Git, Github, Figma, VS Code, IntelliJ IDEA, Postman, Selenium IDE.
- **Soft Skills:** Microsoft Office, strong problem-solving, and team collaboration.

Education

FAST NUCES, Karachi - *Bachelors (Software Engineering)*   August 2022 - Present

- **CGPA**: 3.63/4.00
- **Academic Achievements:**
  - **Rector's List** in 6th Semester.
  - **Dean's List** in 5th, 4th and 3rd Semesters.

Bahria College Karsaz, Karachi - *Intermediate (Pre-Engineering)*   August 2020 - June 2022

- **Grade:** A (86%)

Army Public School COD, Karachi - *Matriculation (Computers)*   March 2017 - March 2020

- **Grade:** A (82%)

Experience

Student Lab Assistant - *Object Oriented Programming in Java*
FAST-NUCES, Karachi | February 2025 - May 2025

- Supported 40+ students in mastering core Java and OOP concepts such as polymorphism, abstraction, and inheritance.
- Debugged complex code issues during lab sessions, improving students' understanding of clean and efficient coding practices.

Teaching Assistant - *Software Design & Architecture*
FAST-NUCES, Karachi | September 2024 - December 2024

- Assessed over 50 students' assignments and quizzes with a focus on UML diagrams (sequence, activity, class, etc.)
- Reviewed final software/web projects and corresponding UML diagrams as part of evaluation, providing brief feedback on structure and use of design patterns.

Projects

AI-Powered HR Management System

Technologies: *React, Tailwind CSS, NodeJS, ExpressJS, PostgreSQL, ShadCN, Python.*

- Built a full-stack HR platform with modules for employee management, attendance, payroll, and performance tracking.
- Developed an AI-driven recruitment system using models such as **RidgeCV** and **SentenceTransformers** to rank and match resumes with job descriptions.
- Led backend architecture and API design; contributed to developing responsive, visually engaging frontend pages.

Majestic Travels Web Application

Technologies: *React, CSS, NodeJS, ExpressJS, Oracle SQL, Selenium IDE.*

- Developed a travel booking platform with trip packages, service bookings (cars, hotels, flights), and an admin dashboard.
- Implemented user authentication and full CRUD functionality across all modules.
- Automated workflow testing using Selenium IDE to ensure a smooth user experience.

Task Management Web Application

Technologies: *Typescript, React, Tailwind CSS, NodeJS, ExpressJS, MongoDB, Radix UI, JWT, Redis.*

- Built a full-stack task management app with a focus on performance, usability, and clean UI.
- Implemented secure user authentication with encrypted login and token-based access control.
- Enabled seamless task creation, editing, and deletion, with optimised data retrieval for a faster user experience.

Car Rental Software

Technologies: *Java, JavaFX, Scene Builder.*

- Developed a desktop application to manage car rental operations, including customer registration, vehicle inventory, and booking management.
- Designed a user-friendly design and used Java File Handling for storing data.

Achievements & Awards

- Runners-up, Game Development Competition – *DevDay 2023, FAST NUCES*
- Attended 3-day Hackathon & Design Thinking Workshop – *Asaani.io @ NASTP Karachi*
- Competed in Web Development Contest – *CollabQuest, FAST NUCES*
- Took part in UI/UX Challenge – *DevDay 2024, FAST NUCES*
- Participated in Speed Debugging (Java) – *Coders Cup, FAST NUCES*