Why Hire Me: A Driven Early Career Software Engineer

I am Syed Muhammad Ammar, a passionate software engineer with strong academic credentials and hands-on experience in full-stack development, AI, and machine learning. I bring a proven track record of delivering impactful projects and leading teams, making me an ideal candidate for early career roles.

With expertise in modern technologies like React, Node.js, and OpenAI, combined with a collaborative mindset and client-facing experience, I am ready to contribute effectively from day one.

Technical Skills and Tools

Programming Languages

Proficient in Python, JavaScript, C++, and TypeScript, enabling versatile software development.

Frameworks & Technologies

Experienced with React, React Native, Next.js, Node.js, Express.js, NestJS, Prisma, and TailwindCSS for building scalable applications.

Databases & AI

Skilled in PostgreSQL, MySQL, MongoDB, Firebase, and beginner-level AI/ML tools like PyTorch and TensorFlow.

Development Tools

Familiar with GitHub, Figma, Postman, Jest, Render, Vercel, and PowerBI for efficient project workflows.

Professional Experience Highlights

Software Engineer (Contract)

Designed AI-powered student ranking systems and medical learning apps with real-time Firebase integration. Led a team of developers and managed client communications.

Full-Stack Developer Intern

Developed admin panels, skill assessment modules, and RESTful APIs using React, Next.js, Node.js, and MongoDB. Collaborated remotely using agile methodologies.

Associate Software Engineering Intern

Built Power Apps solutions including a house inspection app, Arabic date picker, chatbot, and automated workflows, enhancing operational efficiency.

Key Projects Demonstrating Impact

1

AgriSense: AI-Enabled Smart Farming

Led a team to develop crop recommendation and disease detection systems using AI, integrating hardware and securing investor interest.

2

SoulSupport: Mental Health Platform

Built backend and AI chatbot for mental health support, integrated video calls and payment systems, enhancing user engagement.

3

ResearchRank: AI-Driven Student Ranking

Developed a system analysing SOPs and LORs with OpenAI, generating detailed PDF reports and secure authentication.

4

Scrubub: Medical Education App

Architected a cross-platform app with AI-generated questions, social learning features, and robust deployment pipelines.

Achievements and Certifications

1 ## HackFest X Datathon 2025

1st Place in a Shark Tank–style event among top 10 finalist teams.

2 ## Climatech International Conference 2025

Presented innovative AgriSense project to industry leaders and researchers.

3 ## CodeSphere '23 Runner Up

Secured 2nd place competing against 100+ participants in programming challenges.

4 ## Certifications

- Stanford.ai Machine Learning Specialization (in-progress)
- Meta Coursera: HTML, CSS, React Basics & Advanced
- Jawan Pakistan: UI/UX and Front-End Development
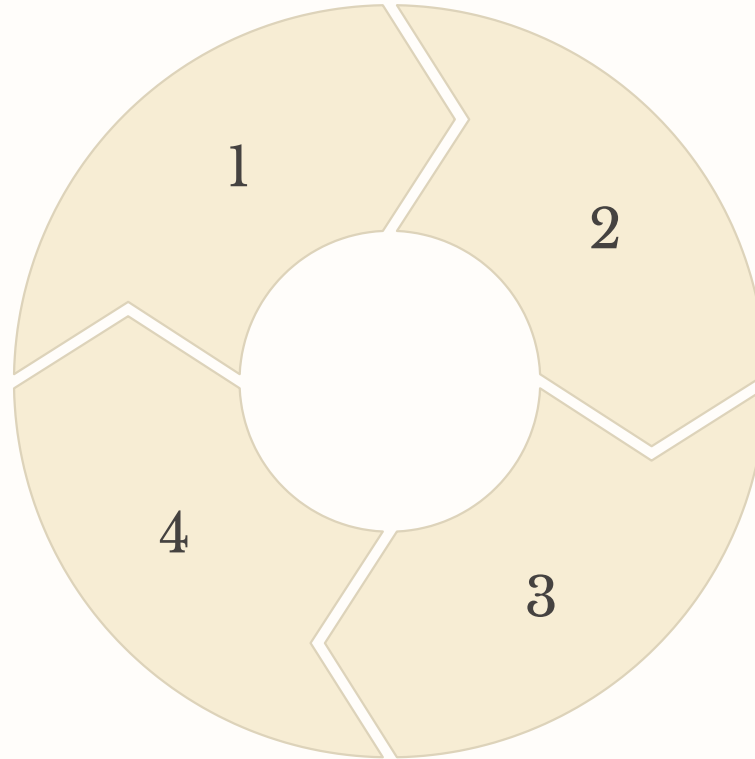- Frontend Masters: Node.js and API Design

Leadership and Volunteer Experience

Section Lead, Stanford Code in Place

Leading coding education initiatives since April 2025.

Partnership Team Lead, Google Developer Group

Driving collaborations and partnerships since October 2024.

Event Management, NEDUET ACM Student Chapter

Organised technical events and workshops in 2022.

Marketing Core Team Member, Google Developer Student Clubs

Contributed to marketing efforts and event promotion from 2023 to 2024.

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My blend of technical skills, project leadership, and community involvement makes me a strong candidate ready to add value and grow in your organisation.