SYED ASFAR AHMAD BUKHARI

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Education

COMSATS UNIVERSITY LAHORE CAMPUS	Lahore, Pakistan
Bachelor of Software Engineering	**February 2021 – January 2025**

Professional Experience

BugMonks	Lahore, Pakistan

A technology-driven company focused on scalable web solutions, automation, and modern software development.

Associate Software Engineer	*February 2026 – Present*

- Working on the development and maintenance of scalable web applications using the MERN (MongoDB, Express.js, React, Node.js) stack.
- Implementing RESTful APIs and integrating frontend components with backend services.
- Using Git and GitHub for version control, feature branching, and collaborative development workflows.
- Debugging, fixing issues, and enhancing existing features to ensure system stability and reliability.

TXLABZ	Lahore, Pakistan

A tech company specializing in automation, AI/ML, and high-performance web & mobile app development.

Associate Software Engineer	*October 2025 – February 2026*

- Developed and maintained scalable web applications using MERN (MongoDB, Express.js, React, Node.js) stack.
- Collaborated with cross-functional teams to design, develop, and deploy production-ready solutions.
- Wrote clean, efficient, and reusable code to optimize performance and scalability.
- Used Git, GitHub, and deployment workflows for version control and feature delivery.
- Debugged, troubleshooting, and enhanced existing products to ensure reliability.

MERN Intern	*June 2025 – September 2025*

- Contributed to full-stack applications using the MERN stack.
- Collaborated with the development team to deliver production-ready solutions.
- Strengthened frontend and backend development skills through real-world tasks.

PAK ELEKTRON LIMITED (PEL)	Lahore, Pakistan

Manufacturer of electrical goods in Pakistan, offering innovative solutions for power and home appliances.

IT Intern	*July 2024 – August 2024*

- Built a MERN-based project as part of internship deliverables.
- Worked closely with fellow interns, fostering teamwork and collaborative problem-solving.

Projects

TASKPILOT – Enterprise Project Management System
Full Stack Developer

- Designed and developed a MERN-based project management platform with role-based access control (Admin, Manager, Team Member).
- Implemented secure authentication (JWT, bcrypt) with profile management, password reset, and team assignment.
- Built project and task lifecycle features with deadlines, status tracking, notifications, and priority levels.
- Integrated real-time collaboration via Socket.io with chat, typing indicators, and instant project updates.
- Developed analytics dashboard (Chart.js, FullCalendar) and deployed system on Vercel, Render, and MongoDB Atlas.

DETECTION OF RETINOPATHY STAGES & THEIR RECOMMENDATIONS
Web Developer & ML Engineer

- Built a deep learning system to detect and classify diabetic retinopathy stages from retinal images, improving early diagnosis accuracy.

PEL MEDICAL CARE
Web Developer
- Designed and implemented a MERN-based healthcare system with secure login, appointment scheduling, and role-based access.
- Developed an admin dashboard for managing doctors, appointments, and user feedback.

Fellowships

AMAL ACADEMY   Lahore, Pakistan
Education startup funded by Stanford University that teaches professional skills to students and corporations
Career-Prep Fellow   *March 2024 – June 2024*
- Selected among 4,500 applicants for a competitive fellowship focused on professional and leadership skills.
- Improved communication, teamwork, and problem-solving through case studies and projects.
- Gained business acumen and leadership experience via hands-on training and collaboration.

Honors and Awards

ACADEMIC SCHOLARSHIPS
- Received full merit-based academic scholarship from Punjab Group of Colleges   2018 - 2020

Additional

- *Technical Skills:* C, Java, Python, Data Science, Data Visualization, Data Analytics, Machine Learning, HTML, CSS, JavaScript, React.js, MongoDB, Express.js, Node.js
- *Certifications:* Front-End Web Development (PNY Trainings, 2022), Artificial Intelligence (NAVTTC, 2023)