

# Muhammad Ammar Aziz

Near Bharia, Lahore

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## CAREER OBJECTIVE

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Passionate **MERN Stack Developer** with a BSCS from the University of Central Punjab, experienced in creating dynamic, scalable, and responsive web applications using MongoDB, Express, React, and Node.js. Skilled in both frontend and backend development, with a commitment to clean, efficient code and delivering user-focused solutions. Eager to contribute to innovative projects and grow within a collaborative development team.

## SKILLS AND INTERESTS

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### Technical Skills:

- **Programming Languages:** C, C++
- **Web Development:** HTML, CSS, JavaScript, Next.js, React
- **Backend Development:** Node.js, Express
- **Databases:** MongoDB, SupaBase
- **Other Skills:** Machine Learning, Git

**Language:** English - Urdu

**Interpersonal Skills:** Project Leadership, Management, Teamwork, Critical thinking, Problem solving, Communication skills.

## EDUCATION

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**University of Central Punjab, Lahore**

March 2020 – July 2024

- Bachelor of Computer Science, Major: Computer Science

## WORK EXPERIENCE

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### PHP Developer, WEBBUGGS 1 Aug 2022 – 1 Oct 2022

- Developed and maintained PHP-based web applications.
- Collaborated effectively with team members to deliver projects on time.
- Demonstrated professionalism, reliability, and a positive attitude.
- Received recognition for sincerity, dependability, and contributions to the company.

### MERN Developer (Intern), Systems Limited 14 July 2024 – 14 Oct 2024

#### Projects:

- Developed a **Student Dashboard** using React, Express, Node.js, and JavaScript.
- Built an **e-commerce clothing store website** focusing on functionality and user experience.

### Webbugs Software House

#### Full Stack Developer – Associate February 2024 – Present

- Contributed to full-stack development of multiple real-world applications using MERN and Next.js.
- **Projects:**
  - **Clothing Store (MERN):** E-commerce web app with user roles, cart system, and admin dashboard.
  - **Genee Coaching App (Next.js):** Platform for managing student-teacher sessions, assignments, and schedules.

- **Subscription App (MERN):** Integrated Stripe for payments and implemented access control across subscription plans.
- **Auction App (Node.js):** Developed backend APIs with real-time bidding functionality using WebSockets.
- **Authentication App (MERN):** Built a JWT-based secure login and registration system with role-based routing.
- **Budget Management App (Node.js):** Developed expense tracking APIs and a user budgeting dashboard.
- **Chat App:** Implemented real-time messaging using WebSockets.
- **1StopBedrooms – E-commerce App (Next.js):** Developed features for an online furniture store with responsive UI and optimized performance.

## RESEARCH PROJECTS

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### Final Year Project: Mystery Bites

- Worked as a software developer in the ERP department.
- Utilized machine learning for real-time mood analysis via image processing.
- Developed algorithms for personalized meal recommendations.
- Enhanced consumer experience by catering to tastes and dietary needs based on mood.
- Conducted thorough testing to ensure accuracy and reliability of meal recommendations.
- Presented the project to faculty and peers, receiving positive feedback for innovation and execution.

### OOP and DSA Project Lead, University of Central Punjab

- Planned and programmed the Object-Oriented Programming and Data Structure and Algorithm end semester Projects
- Designed and implemented efficient algorithms to solve complex problems.
- Coordinated with team members to ensure timely completion and high-quality project outcomes.