Ubaid Bin Waris

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PROFILE

Motivated and adaptable Computer Science undergraduate at SZABIST University Islamabad (2025–Present) with a solid foundation in Programming, problem-solving, and collaborative teamwork. Experienced in thriving in diverse environments and working across disciplines, with a proven ability to take ownership of tasks, perform under pressure, and manage time efficiently through proactive planning and organization. Passionate about continuous.

EDUCATION

SZABIST UNIVERSITY ISLAMABAD   Islamabad, Pakistan
Bachelor of computer science

- **Relevant Coursework**: Programming Fundamentals, Operating Systems, Software Project Management, Object-Oriented Programming (OOP), Database Management Systems, Web Development, Cloud Computing & AWS, Software Engineering, Artificial Intelligence & Machine Learning, Data Structures & Algorithms.

Intermediate (FSC. General Science)   Islamabad, Pakistan

- Islamabad Model Postgraduate College H-8, Islamabad.

PROFESSIONAL EXPERIENCES

Gixi Ai   Rawalpindi, Pakistan
Full Stack Developer

- Designed AI-powered automation systems and REST APIs.
- Managed AWS EC2 deployment, Nginx setup, SSL, DNS, and PM2 configuration.
- Implemented secure authentication, rate limiting, and optimized database queries.

Blu Centric   Rawalpindi, Pakistan
Full Stack Developer

- Built full-stack applications using Next.js and SQL.
- Implemented JWT authentication and RBAC systems.
- Designed and documented scalable API architecture.

HH Tech Hub   Rawalpindi, Pakistan
Full Stack Developer

- Developed responsive UI components and optimized performance & SEO.

Higher Education Commission of Pakistan (HEC)   Islamabad, Pakistan
Web Developer Intern

- Contributed to frontend improvements and system documentation.

PROJECTS

Gixiai Website

Developed and showcased a business automation and workflow solutions platform offering end-to-end AI-powered process automation, custom web development, and DevOps consulting services. Implemented intelligent n8n workflows to automate repetitive tasks, streamline business processes, integrate APIs, and optimize operational efficiency for clients, while ensuring secure data handling and scalable performance. Designed responsive user interfaces and managed full cloud deployment, server setup, security configuration, and production optimization to deliver reliable and future-proof automation solutions. Architected modular and reusable workflow systems enabling seamless integration across CRM platforms, databases, and third-party services. Established monitoring, logging, and error-handling mechanisms to ensure high availability, fault tolerance, and long-term system maintainability in production environments.

Chatting App

Developed a real-time chat application enabling users to send instant messages, create group chats, and manage contacts through a responsive and user-friendly interface. Built backend services using Node.js with WebSocket integration for live communication, secure authentication, and message storage. Implemented notifications, message history, and performance optimization, while handling deployment, server setup, and security measures to deliver a scalable end-to-end messaging solution.

Quotes Market

Developed a dynamic online quotation and market services platform enabling users to request, compare, and manage service or product quotes through a centralized digital system. Designed responsive front-end interfaces with structured navigation and optimized user experience, alongside secure backend functionality for data handling, client inquiries, and operational workflows. Implemented SEO optimization, performance enhancements, and scalable deployment practices to support business growth, lead generation, and efficient service management within a modern web environment.

Lets Fix Home

Developed a comprehensive home services and renovation platform enabling users to explore multiple services including roofing, plumbing, interior design, HVAC, solar installation, kitchen and bathroom renovation, and complete home improvement solutions with an integrated quote request system. Designed a responsive and user-friendly interface focused on service discovery, client engagement, and streamlined booking experiences while ensuring SEO optimization and performance efficiency. Managed full deployment including server setup, configuration, security implementation, and production optimization to deliver a scalable end-to-end digital solution.

Traydia

Developed a professional web platform for **Traydia LLC** to present logistics and truck dispatching services, streamline client inquiries, and showcase key offerings such as reliable dispatch support, rate negotiation, load booking, and paperwork assistance. Implemented responsive front-end design with clear service sections, contact forms for lead capture, and intuitive navigation to improve user engagement and conversion. Focused on usability, SEO optimization, and performance to maximize visibility and client outreach. Managed full deployment including hosting setup, DNS configuration, SSL security, and server configuration to deliver a scalable and secure service-oriented solution.

E-commerce Furniture Store

Developed a responsive e-commerce website for online product browsing and shopping with structured product listings, category management, and user-friendly navigation. Designed a modern front-end interface using well-organized components while applying core Object-Oriented Programming (OOP) and web development principles. Focused on usability, responsive design, and smooth user experience to demonstrate practical skills in real-world software project development.

Contractor Website

Built a dynamic website for contractors to showcase services, provide renovation solutions, accept project requests, generate invoices, schedule appointments, and manage client communications including rate discussions and chatbot support. Developed backend and APIs using Node.js and Java, implemented a comprehensive dashboard to track project progress, analytics, and secure user authentication, and handled complete deployment with server setup, configuration, and maintenance.

Secure Login & User Management System

Developed a secure login and user management system using Java Spring Boot for the backend, Next.js for the frontend, and PostgreSQL for database management. Implemented role-based authentication, encrypted password storage, password reset functionality, and user activity logging to ensure robust security and accountability. Designed responsive interfaces and managed full deployment with server configuration, database integration, and security best practices to deliver a scalable, end-to-end authentication solution suitable for enterprise applications.

Real Estate Lead Management System

Developed a centralized Property Management System (PMS) for Daya Properties Ltd to streamline property listings, tenant management, rent collection, and landlord reporting. Built using Node.js with secure authentication, automated billing, payment tracking, maintenance management, and operational dashboards for real-time insights. Implemented tenant and landlord portals, SEO and cloud deployment, and handled complete server setup, configuration, and security to deliver a scalable end-to-end solution. Optimized database architecture and query performance to support growing property datasets and multi-user access. Integrated notification systems and automated workflow processes to improve communication efficiency between tenants, landlords, and administrators.

HH Tech Hub Website

Developed a responsive platform offering IT solutions, software development, and digital transformation services. Implemented optimized SEO, streamlined client workflows, and managed full deployment with server setup, security, and performance optimization.

Reroom Ai

Developed an AI-powered interior design platform enabling users to visualize and customize room layouts with real-time design suggestions. Built responsive interfaces, integrated AI models, and managed deployment, server setup, and security for a scalable end-to-end solution.

Online Doctor Appointment System

Developed a web-based platform enabling patients to book appointments with doctors based on availability and specialization. Included user authentication, appointment scheduling, and admin panel for clinic management. Implemented time-slot management logic to prevent double bookings and ensure efficient scheduling. Integrated secure backend validation, database management, and cloud deployment to deliver a reliable and scalable healthcare appointment solution.

AWS and DevOps Setup

Handled complete cloud infrastructure setup, including EC2 provisioning, Ubuntu server configuration, SSH management, Nginx with reverse proxy, SSL installation, and domain DNS. Managed databases (Postgres), PM2 process management, log monitoring, and automated restarts. Implemented production optimization, security headers, CORS, rate limiting, and Fail2Ban for secure and stable deployments. Established environment configuration management and deployment workflows to ensure scalable, reliable, and high-availability production environments.

Co-Circular Activities

Organizer – International Research Conference (IRC 2023).

Automation & Workflow Engineering (n8n)

- Designed and deployed multi-step automation workflows using n8n.
- Built webhook-based and cron-triggered automation systems.
- Integrated third-party APIs using OAuth, API keys, and Bearer tokens.
- Developed lead capture and CRM synchronization workflows.
- Implemented data extraction, transformation, and upsert logic.
- Built email notification and conversion tracking automations.
- Configured production-ready n8n instances on Linux servers.

Bot Deployment

- Developed API-driven automation bots with session handling.
- Built event-driven bots using webhooks and backend logic.
- Automated social media data extraction and posting workflows.

SKILLS

Languages: JavaScript, TypeScript, Java (Spring Boot), C, C++, SQL
Frontend: React.js, Next.js, Tailwind CSS, Responsive Design, Server-Side Rendering (SSR), Component-Based Architecture
Backend: Node.js, Express.js, Spring Boot, REST API Development, JWT Authentication, Role-Based Access Control (RBAC), Middleware Architecture
Automation: n8n, API Integrations, Webhooks, Cron Jobs
Databases: MongoDB, MySQL, PostgreSQL, Redis, Firebase, Supabase, Database Indexing, Query Optimization
Cloud & DevOps: AWS EC2, Ubuntu Server Administration, Nginx Reverse Proxy, PM2, SSL, DNS Configuration, Deployment Pipelines, Environment Management
Security: Authentication Systems, Secure HTTP Headers, Rate Limiting, CORS Configuration, Input Validation, Password Hashing, Production Optimization

LANGUAGES

Urdu   Native proficiency
English   Professional Working Proficiency

COURSES

- **Web Development**: Developed responsive and interactive web applications using HTML, CSS, and JavaScript with a focus on UI design and performance optimization.
- **C++ Programming**: Built a strong foundation in C++ programming, object-oriented concepts, and efficient problem-solving techniques.
- **Cyber Security:** Gained practical knowledge in computer networking, cloud computing, and ethical hacking, including designing a secure network and private cloud environment.