

ARHAM AWAN

Full Stack Developer | MERN Stack Engineer | Web & Mobile App Developer
M.E. in Software Engineering | AI Integration Specialist

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ABOUT ME

A Passionate Creative and Problem-Solver finding innovative solutions and bringing ideas to life through technology. **Holding a Master's degree in Software Engineering and 7+ years of experience as a Full Stack Developer, I focus on building web and mobile applications** that solve real-world problems and create a positive impact with expertise in **Next.js, React, React Native, Node.js, and TypeScript**. Skilled in incorporating **AI and automation** wherever they add value, saving time, and boosting productivity while enhancing applications with intelligent features and smarter user experiences. I believe in writing clean, high-quality code, continuously learning, and pushing the boundaries of innovation. Every day is an opportunity to grow, **Open to work with a remote team where I can build, learn, and make a meaningful impact through innovative solutions and cutting-edge technology.**

WORK EXPERIENCE

Senior Full Stack Software Engineer

CodeShock, LLC

📅 03/2021 - 06/2024 [📍 Albuquerque, New Mexico](#) | Remote

Joined during its early phase and played a key role in securing more contracts and positive client reviews

- Built a SAAS Product **sendmea.io** that collects video reviews for your business or personal name using React and Firebase.
- Built cron job on Express.js for **IMAX.com**, integrating Webflow database **under a strict 2-3 day deadline**.
- Developed AI-powered applications leveraging Generative AI (GPT) with MongoDB Atlas Vector Search and Pinecone Vector Database, **reducing manual workload by 40%** and boosting content generation efficiency.
- Developed a cross-platform mobile application named **CanYou** (available on app store and playstore) for task management using React Native CLI and Firebase and styled with Native Base.
- Created the **Andymation** mobile application for **Andy's flipbook**, using React Native and Firebase, **resulting in a highly popular app with many downloads**.
- Designed, Built, and Tested production features that allowed **screenindie.com** to go from startup idea to viable and growing indie film platform **leading to 50% faster streaming load times**.
- **Extensively worked with** Next.js, React.js, Typescript, React Native, Prisma, Mongo DB Atlas Vector Search, Pinecone DB, Postman, Node.js, Express, Sentry, Figma, CI/CD, GitHub Actions, Firebase, JWT, and more.
- **Led and mentored** junior developers, enhancing skills, collaboration, and overall team performance.

Senior Frontend Engineer (Remote Contract)

Nodis.io, INC

📅 03/2022 - 03/2023 [📍 Toronto, Canada](#) | Remote

Nodis is a tech company focused on developing social network app

- **Led the end-to-end development** of **Nodis**, a cross-platform social networking mobile app using React Native and Node.js, from initial design to deployment.
- **Optimized performance** through lazy loading, state management, and caching, improving **app responsiveness by 35%** and reducing crash rates.
- **Built reusable UI components** in React Native, cutting **future development time by 25%** and ensuring a consistent design system.
- **Collaborated closely with stakeholders** to deliver **continuous improvements** based on user feedback, boosting overall engagement and retention.

Senior Full Stack Software Engineer

House of Techies, LTD

📅 02/2020 - 06/2021 [📍 UK](#) | Remote

A startup focused on tech solutions

- **Designed and developed scalable, high-performance web applications** using Next.js, React.js, TypeScript, and Redux.
- **Re-engineered backend systems** with Node.js, Express.js, and Firebase, **improving application security by 40%**.
- Integrated payment processing with Stripe, ensuring **100% transaction accuracy** for financial auditing systems.
- Optimized SEO and performance with **SSR/SSG, increasing organic traffic by 50%**.
- Led state management improvements with Zustand and React Query, **improving app responsiveness and reducing API call redundancies**.
- **Enhanced database performance** using MongoDB, PostgreSQL, and Prisma, optimizing queries for faster response times.
- Implemented DevOps best practices, integrating CI/CD pipelines and AWS services for **improved deployment efficiency**.
- **Mentored junior developers**, leading to **50% fewer production issues** and improved code quality.

WORK EXPERIENCE

Freelance Full Stack Software Developer

Fiverr (Top Rated Seller)

📅 01/2019 - Present

Freelance full-stack development services

- Designed and developed a feature-rich dating app with **real-time video & audio functionality**, efficiently handling **1,000+ simultaneous calls**.
- **Developed EasyGPT**, a cutting-edge **Agentic AI platform** featuring **chatbots, GPT-powered agents, and VAPI-based voice assistants**, enabling seamless automation and next-level user experiences.
- Developed and deployed multiple **tax-related applications**, ensuring 100% compliance with global financial regulations.
- Engineered scalable, secure, and high-performance solutions, optimizing data handling, security, and maintainability.
- Implemented third-party payment gateways ensuring secure transactions for SaaS platforms.
- Collaborated with international clients, ensuring **on-time delivery and high-quality standards**.
- **Provided technical consultation and mentorship**, helping startups optimize their applications
- **Redesigned and modernized multiple web and mobile applications**, improving **UI/UX consistency, performance, and accessibility**, which led to **higher user satisfaction and increased engagement rates**.
- Implemented end-to-end testing for a web application, enhancing test coverage and reducing bugs.
- **Recognized by multiple clients as a Debugging Specialist for exceptional problem-solving skills, consistently resolving critical issues and enhancing application stability.**

EDUCATION

Master of Engineering (ME), Software Engineering

NED University of Engineering and Technology

📅 01/2023 - 01/2025 📍 Karachi, Pakistan

Bachelor of Engineering (BE), Electronic Engineering

Dawood University of Engineering and Technology

📅 01/2018 - 01/2022 📍 Karachi, Pakistan

Certified Web and Mobile App Development

S.M.I.T Education Program

📅 01/2018 - 01/2019 📍 Karachi, Pakistan

TECHNICAL PROFICIENCIES

Next.js React.js React Native CLI Expo TypeScript Node.js Express.js Firebase Tools

MongoDB PostgreSQL MySQL AWS (EC2, S3, Lambda) Google Cloud Prisma Pinecone DB

REST APIs GraphQL WebSockets OpenAI Agentic AI Generative AI VAPI AI Integration

Cursor IDE Git/GitHub CI/CD Pipelines Postman Playwright Sentry Github Copilot

Tailwind CSS Shadcn Material UI Bootstrap Styled Components Redux Zustand Recoil