Zain Ali

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Professional Summary

Full Stack Developer with hands-on experience in MERN Stack, Next.js, React Native, Electron.js, Puppeteer and Chrome Extensions. Proficient in deploying on Linux servers and Digital Ocean VPS, handling domain integrations, AWS S3 storage and Stripe payment flows. Proven success delivering a scholarship platform, Facebook Marketplace automation tool, enterprise solutions (Active Directory, MERN, Chrome Extension), Next.js portfolio and restaurant app. Freelance highlights: **Property Post** (MERN + Expo/EAS), **Taabiir**, **Solentra** solar-financing platform, and artizyou.com. Skilled at building scalable, real-time, API-driven applications that accelerate business growth.

Skills

- **Languages/Frameworks:** JavaScript, TypeScript, C++, React.js, Next.js, React Native (Expo/EAS), Redux, React Flow, Material UI, Tailwind CSS

- **Backend/Automation:** Node.js, Express, Socket.io, Puppeteer, Electron.js, Chrome Extensions (MV3)

- **Databases/Cloud:** MongoDB, MySQL, PostgreSQL, Linux servers, Digital Ocean VPS, AWS S3, Domain integration

- **Enterprise/Integrations:** Active Directory, Graph API, Google (Maps, OAuth), Stripe & Realtor.ca integration

Professional Experience

Full Stack Developer   **Techmutator**   **June 2023 - March 2025**

- **Full-Time Developer (July 2024 – March 2025)**

  - **Enterprise Deployments:** Orchestrated Azure & Active Directory (LDAP/ADFS SSO) solutions with Google Workspace API integration for seamless user provisioning.

  - **Automation & Extensions:** Architected Chrome Extensions (Manifest V3) leveraging Web Sockets, React Flow & content scripts for real-time data capture, visualization and policy enforcement.

  - **Infrastructure & Visualization:** Administered Linux server environments for production deployments and implemented ELK.js dashboards for interactive data insights.

- **Internship (June 2023 – June 2024)**

  - **Facebook Marketplace Automation:** Engineered a Node.js/React/Puppeteer solution for end-to-end vehicle listing management (create/update/delete) with FTP-based data ingestion.

  - **Desktop & UI Enhancements:** Developed a React-integrated Electron.js desktop app (with auto-updates via Electron Updater) and optimized multiple React management interfaces for improved functionality and UX.

Freelancing   **March 2025 - Present**

- **propertypost.ca:** Architected a full-stack MERN web platform and Expo/EAS React Native mobile app featuring AWS S3 for media storage, Realtor.ca API integration for live listings, Google Maps for geolocation, Stripe payments for transactions, and a custom admin panel to manage users and properties.

- **solentra.pk** & **taabiir.uk:** Developed lightweight, front-end–only Next.js applications for solar-financing and restaurant booking, crafting responsive layouts, interactive UI components.

- **artizyou.com:** Built copyright registration workflow with complete Stripe-powered payments, trigger a scraping server for data retrieval, then review and approve all details within a streamlined interface.

Scholarship Recommendation Project   **FAST NUCES**   **September 2023 - May2024**

- Designed and delivered a MERN-stack web app that uses Puppeteer to aggregate scholarship data from LinkedIn, Twitter and niche portals, then applies content-based filtering to provide users with tailored opportunity matches.

Event Management System Developer   **FAST NUCES**   **March 2024 - April 2024**

- **Team Collaboration & Production:** Partnered in an Agile team to architect, deploy and maintain a full-featured MERN management platform on AWS (S3, EC2), honing project management, cross-functional coordination and real-world production support skills.

- **Deployment & Operations:** Managed end-to-end deployment workflows, CI/CD pipelines and AWS S3 storage integrations—deepening expertise in performance monitoring, troubleshooting and scalable MERN application delivery.

Education

BS Computer Science   **FAST-NUCES**   **September 2020 - June 2024**