ADITYA CHAVAN

Manchester, UK | 7768406922 | adityardchavan27@gmail.com | www.linkedin.com/in/aditya-chavan-6411721

EDUCATION

M.S. Financial Technology, University of Liverpool, Liverpool, UK.   **September 2022 – December 2023**
Relevant Courses: Python, Big Data Analytics, Digital Payments, QA & Statistics, Regulations, Financial Modelling.

B.E. Computer Science Modern College of Engineering, Pune, IND.   **September 2016 – November 2020**
Relevant Courses: Web Development, Databases, Artificial Intelligence.

SKILLS

Full Stack Development: HTML, CSS, JavaScript (ES6), React.js, Node.js, Express, RESTful APIs, GraphQL, React Native, SEO, Browser debugging.
Frontend & UI/UX: Bootstrap, Tailwind, Material UI, d3.js, Charts.js, AdobeXD, Figma, WordPress, Elementor, WooCommerce.
Backend & Databases: SQL, PostgreSQL, MySQL, MongoDB, Supabase, Firebase, AWS, Tableau, A/B Testing, Firebase Cloud Function, Firestore.
DevOps & Project Management: Webpack, Vite, Git, Jest, Postman, bcrypt, PowerShell, Notion, ClickUp, JIRA, Agile Scrum, Photoshop.

PROFESSIONAL EXPERIENCE

MSAFE Solutions Inc, Ontario, CA (Remote)   January 2024 - Present
Full Stack Developer

- Crafted interactive UI/UX wireframes in Adobe XD, **improving user experience by 15% through iterative feedback-driven web design**.
- Engineered a component-based React.js frontend with Tailwind and Material UI, **reducing load time by 3s, feature rollout time by 5 days**.
- Architected a serverless backend using Node.js and Firebase Cloud Functions, developed real-time RESTful APIs to handle advanced data queries, **improving system response speed by 30% and reducing cloud service costs by £70 per month**.
- Created efficient database schemas in Supabase**, reducing query execution time by 300ms**. Secured user data through role-based policies.
- Maximized website performance using Google Lighthouse. Utilized lazy-loading techniques, **improving usability score to 98/100**.
- Integrated dual sign-in, Google OAuth, Maps, and real-time notification APIs to **enhance security and site functionalities**.
- Hosted sites using Firebase Hosting and custom DNS in Scala. Streamlined team collaboration with Git, **reducing merge conflicts by 25%.**
- Authored comprehensive product documentation for technical and non-technical stakeholders, streamlining knowledge transfer.

Achievement : Instrumental in securing Platform Calgary Incubator selection, aiding in product scalability and VC investor outreach.

TIBCO Ltd, Pune, IND.   May 2021 - October 2021
Junior Consultant

- Configured real-time financial transaction monitoring dashboard using React.js and Grafana, **reducing transaction reporting errors by 30%.**
- Collaborated with backend engineers to optimise system alerts via Grafana, **preventing 95% of critical reporting failures and saving 12+ hours/week in manual debugging.**

PROJECTS

ARC Enterprises: Full-Stack Website *(React.js, JavaScript, Node.js, Express, Firebase Storage, Firestore)*
Business Impact: Streamlined website marketing for ARC Enterprises, leading to 40+ enquiries within 1 month of inception.

- Developed an interactive UI with engaging animations using React.js and Tailwind, **increasing average user time on site from 40s to 3min**.
- Engineered a custom admin portal for uploading, managing documents and client inquiries **reducing manual data handling efforts by 40%.**
- Integrated Gmail API for automated responses, **ensuring 100% real-time acknowledgment for customer inquiries and communication.**

The Contracto AI: Full-Stack PWA *(React.js, Node.js, PostgreSQL, bcrypt, Tailwind, Charts.js, Tableau)*
Business Impact: Boosted incident reporting by 40%, cutting response time to critical safety incidents by 70%.

- Implemented **ECIES and AES-256** encryption alongside bcrypt authentication, fortifying data security and ensuring only authorized users can access and decrypt sensitive information, complying with **GDPR** standards.
- Developed visualization charts using Charts.js, transforming raw data into actionable insights **accelerating decision-making by 70%.**
- Created a specialized task board, introducing drag-and-drop functionality, prioritizing tasks which **reduced task completion time by 35%.**

eGleis Technologies: CMS Website *(WordPress, Elementor)*
Business Impact: Increased conversion rates by 20% through a visually optimised and SEO-friendly design.

- Designed and maintained a fully functional product platform with Elementor, **handling 30+ service listings**.
- Optimised site speed and responsiveness through efficient asset loading, caching strategies **reducing load time from 4s to 1.6s**.

CERTIFICATIONS

- Google Data Analytics Professional (Coursera)   • Web Developer Bootcamp (Udemy)