

MANJEET VERMA

Senior Full Stack Developer

Work Location: Germany / Remote

Current Location: Marschnerstr. 15, 01307 Dresden

Work Eligibility: EU Blue Card

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Full Stack Developer with 12+ years of experience in developing high-speed, scalable solutions for all types of companies from Startups to Fortune 500.

Work Experience

HCLTech Germany (Oct-2022 – Present)

→ Fullstack Developer, Germany (Client: IKANO Bank)

Developed multiple proof-of-concepts (POCs) to optimize infrastructure costs and improve existing development/deployment environment, i.e. Event Sourcing.

Technologies: AWS Lambda, Serverless Framework, S3, EFS, React.js, TypeScript.

→ React JS/Typescript Developer, Berlin, Germany (Client: Deutsche Bank)

Contributed to the Deutsche Bank Collateral Tool, modernizing the collection and storage of collateral information. Developed new product features and reusable UI components for the internal UI library.

Technologies: React.js, TypeScript, AG Grid, Deutsche Bank's internal design system.

AMVS Global GmbH, Germany (Nov-2018 – Oct-2022)

→ Javascript Developer, Prague, CZ / Germany

Worked as Javascript/Typescript developer for developing solutions for health care clients using Serverless Architecture, API Gateway, Nodejs, Typescript, React JS

- Build a Typescript-based solution for identity management using Akamai's identity cloud
- Developed Microservices using Nest JS, Typescript Apache Kafka, and Redis
- Build GraphQL APIs using Nest JS
- Build React-based real-time admin dashboards, with GraphQL API/Subscription integration
- Build Mapbox GL JS in a React-based dashboard to plot GeoJSON-based data on maps
- Rest APIs in Node Js using Typescript
- Good experience with geographic data structures example GeoJSON to manage and store in DB
- Data load/export scripts for performing bulk CRUD operations on databases and backend services
- Developed Identity Management library using Typescript and Javascript with multiple modules
- Configured GraphQL Subscriptions & Apollo Gateway Federation for combining multiple graphs
- Build Auth0 strategy for setting GraphQL endpoint's authentication
- Developed documents signing module using Docusign
- Performing end-to-end testing using Cypress

DB Digital (Dainik Bhaskar), India (April - 2016 - Nov-2018)

→ Javascript / PHP Developer - DB (Dainik Bhaskar) Digital, Noida, India

Dainik Bhaskar is the leading digital news platform and the 3rd largest digital group in India. My role was to help the Ad Operations, Alliances, and Revenue team, with all the technical integrations, and empower them with the tools and platforms that help them work more efficiently as a team.

- Worked on Dainik Bhaskar's news website and developed Progressive Web App which loads under 5 sec on the slower networks. Along with that, I have worked on multiple website modules and features
- Developed a centralized dashboard for internal reporting and analysis of performance in terms of traffic, sessions, revenue earned, and ad CTRs using the Google DFP, Facebook Graph, AdX REST & SOAP APIs, for evaluating metrics like ARPU, revenue per session, etc.
- Developed an Ad Control & Management panel, which helps in making instant changes to the ad code implementation, ad sizes, and ad placement on the page, saving hours of manual code implementation
- Performed web optimization to improve page load time. Applied webP images compression method which gave 30-40% reduced size and helped reduce CDN cost
- Created React native based prototype with social login (Facebook) implementation and integrated Google ads in the React native application

Previous Experience

- Software Engineer - Seclabs & Systems, Noida (*August-2015 – April 2016*)
- Application Developer - Byte-Matrix, Delhi (*May-2014 – August 2015*)
- PHP Developer – BSLND Trust, Delhi (*Mar-2013 – May 2014*)

Area of Expertise

- Full-stack development: Node.js, Nest.js, React.js, Next.js, GraphQL, Apollo Subscriptions, MongoDB, Postgresql, MySQL
- Experience in developing Microservices using Kafka, Redis, Pub-Sub system
- Containerization with Docker & Kubernetes and deployment on AWS, Circle CI etc
- Developing Auth0-based authentication and Authorization system
- Testing: E2E test cases using Cypress.io, Playwright, writing unit test cases using Jest
- Used multiple UI libraries example Tailwind CSS, Bootstrap CSS, PostCSS, Radix UI
- Tools: Postman, PNPM, Yarn, Cypress, Playwright, Vite, Webpack, Babel, ESLint, Prettier, Storybook, Figma, Visual Studio Code, Proxy tools for advanced debugging like Chrome Dev Tools, Charles, Fiddler, Google Analytics
- Strong understanding of CIAM (Customer Identity & Access Management) systems
- Strong understanding of web performance optimization best practices for low-end devices. Tools used: PageSpeed Modules, Server caching, webpagetest.org, lighthouse, http2, server push, service workers, Image compressions WebP & Guetzli, Resource hints when to apply Preload, Prefetch, and Preconnect
- Understanding of the advertising industry (VPAID/VAST/IAB Standards worked with Google/FB/DFP, Header bidding, DMPs (lotame, GA360) solutions for the ad industries

Education

- Masters in Computer Applications, Punjab Technical University, 2012
- Bachelor in Computer Applications, Punjab Technical University, 2010