Abhishek Mishra

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ   Dec 2022
Master (Computer Science) **GPA:** 3.96 out of 4
Related Courses: Web Programming (Back-End), Distributed Systems and cloud computing, DBMS, Web Programming 2 (Front-End), Data Structure and Algorithms

SRMCEM, India   Aug 2017
Bachelor (Computer Science)
Related Courses: Data Structures, Algorithms, Web Technology, Computer Networks, DBMS

SKILLS

- **Programming Languages:** JavaScript(ES6+), C++, Java, PHP, TypeScript, Python
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis
- **Web Technology:** Node.js, React.js, Redux, Socket.io, GraphQL, HTML5, CSS, Ajax, Gulp.js, Firebase, Tailwind CSS, Vue.js, SASS, JSON, Bootstrap, Restful API, Axios, React Query, NPM, Jest, React Native, Material UI
- **Frameworks and Tools**: Express.js, Next.js, Vite.js, Expo, Django, Git, Jira, Amazon EC2, Amazon SES, AWS lambda

EXPERIENCE

JPMorgan Chase, Columbus, OH   Jul 23-Present
Software Developer
Technology: React.js, Typescript, SASS, React Query, GraphQL, Jest
- Made front-end microapps using React.js and Typescript. Improved reusability using global state and custom hooks
- Consumed backed APIs and services using Axios, React Query and GraphQL
- Leveraged react router for routing and Jest for unit testing with more than 80% coverage
- Increased user engagement by introducing features and ensuring accessibility depending on user type
- Flagged and tested new feature using split.io and wiremock
- Monitored user interactions using analytics events

Pro-tek Consulting, Jersey City, NJ   Feb 23-Jul 23
React Developer
Technology: HTML, CSS, React.js, Redux, Firebase, Typescript
- Developed Front-end application using React and Typescript
- Automated HR process increasing efficiency by 50%
- Utilized React Hooks, state and props to create reusable components
- Increased performance of applications by 70% by reducing number of API calls using memoization
- Used Redux to manage state and Redux-thunk as middleware to handle asynchronous application
- Controlled Race conditions in redux-based applications
- Implemented unit testing using Jest and RTL and authentication using Firebase

Compitek IT Services, New Delhi, India   Oct 17-Mar 21
Software Developer
Technology: MongoDB, React.js, Express.js, Node.js, Redis, Redux, Typescript
- Collaborated in developing web services using the MERN stack as a primary technology
- Developed single-page applications by employing React Lifecycle methods and React hooks
- Improved the response time of APIs by 100% by implementing in-memory cache using Redis, useMemo, and useCallback
- Performed Authentication and Authorization by using express session for Node.js applications
- Employed Jest for writing unit tests and Postman for testing Restful APIs endpoints

ACADEMIC PROJECTS

Safe House – application for storing files, notes, and more
Technology: Next.js, MongoDB, Tailwind CSS, Firebase, Typescript
- Made a full-stack application using **Next.js** and **TypeScript** for storing Notes, Passwords, Docs, and Events
- Created database using **Prisma**, and **MongoDB** and used **TailwindCSS** for styling
- Leveraged **Firebase** for authentication and storing documents

Asian Mart - an e-commerce application for groceries
Technology: MongoDB, Express.js, React.js, Redux, Node.js, GraphQL, Firebase, Stripe.js
- Designed an e-commerce platform as a team leader to shop for groceries
- Built Back end with **GraphQL** and database using **MongoDB** and Front end deploying **React.js**, **Redux**
- Implemented user authentication and authorization utilizing **Firebase Authentication**
- Operated **memo** and **callback** to reduce re-rendering and managed **Event Propagation** to improve performance
- Integrated **Stripe.js** for payments and hosted APIs on **Node.js** server