

# Abhijeet Kaushal

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## Skills

**Languages:** JavaScript, TypeScript, HTML5, CSS3, SQL, PostgreSQL, Python, Go

**Technologies & Tools:** React, React Native, Redux, Next.js, jQuery, Tailwind, Bootstrap, RESTful API, Material-UI, Styled Components, Node.js, Express.js, Tanstack Query, React Hook Form, AWS, Webpack, Azure, GraphQL, Vite

**Testing & Quality:** Jest, TDD, Unit Testing, Cypress (E2E), Storybook, Playwright

**Others:** System Design, Figma, Git, Agile, UI/UX development, Algorithms

## Work Experience

**Aviatrix India, Bangalore**

Jan 2025 - Present

**Senior Member of Technical Staff**

- Developed and maintained an in-built UI library (MUI & MUI-X) with performant, accessible, and reusable components.
- Designed React Query-based intelligence layer to standardize API caching, failure recovery, and data-driven insights.
- Responsible for writing new frontend and backend code that is reliable, maintainable, secure, and performant also worked on CI/CD pipeline initially. Strong understanding of UI design patterns (MVC, component-driven architecture)
- Architected and optimized Datagrid & Autocomplete components handling thousands of VPC and route entries with incremental data fetching, improving query-to-UI response time by 35%.
- Mentored junior engineers on data-intensive UI development, and authored technical documentation & design specs for new features.
- Solved 100+ bugs during first 3 months improving UI experience and bringing down customer raised bugs into single digits.
- **TypeScript, MUI, Tanstack query, HTML, CSS, React.js, AWS, Figma, Node.js, Express.js, Elasticsearch, MySQL, MicroFrontend, unit testing, React Jest**

**Harman Connected, Bangalore**

Dec 2023 - Dec 2024

**Senior Software Engineer**

- Led **performance improvement** migration of a legacy class-based React codebase to functional components, improving load times with code-splitting and micro-frontends.
- Developed code that deals with large data sets by rendering components on UI and Optimized API calls to reduce HTTP requests by 60%, for word clouds.
- Deciding architecture of new features and doing regular code reviews.
- Designed and developed OAuth form flow from scratch on react and redux framework. Implemented secure authentication flows and reviewed frontend code for common vulnerabilities (XSS, CSRF).
- Enhanced user experience and UI by design and development of graph & line chart based visualization dashboard to track topics and hashtags of Instagram & TikTok.
- **JavaScript, HTML, CSS, React.js, Redux, AWS, Figma, Node.js, HighCharts.js**

**Tata Consultancy Services, Bangalore**

Jan 2020 - Dec 2023

**Software Engineer**

- Developed and scaled dynamic UI components using HTML5, CSS, ES6 JavaScript, React.js, jQuery for internal teams. Increased **productivity by 15%**.
- Implemented Asynchronous fetching of **Render blocking non-critical resources** at multiple instances. Improved notification functionality reducing Wait Queue Time By 96.6% with an impact from 170ms to 4ms.
- Created new APIs for new modules of Ed-tech system using CDN and memoization & Expanded the scope of different existing APIs to further improve performance by 30%.
- Developed content player which played video lectures for students using CDN and file directory reducing latency by 20%, used AWS, Cloudflare, MySQL & JavaScript.
- **JavaScript, TypeScript, React.js, Redux, AWS, Node.js, SQL, PostgreSQL, REST API, Data Structures, Problem Solving, React Query**

## Education

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**BBD NITM , Lucknow**  
Bachelor of Technology

Aug 2015 - Jun 2019  
**CGPA: 7.96/10**

**Bal Vidya Mandir, Lucknow**  
Senior secondary schooling

March 2013 - Jun 2014  
**83%**

## Project Work

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- **Portfolio:** Designed and developed interactive small projects like HOC & use of custom hooks completely on React.js and JavaScript ES6 working on user interaction and DOM manipulation. Made a complete Portfolio using HTML, CSS, JavaScript and React.js
- **TCS ION:** Developed Reusable Stateful Dynamic UI Components using React, Redux, JavaScript listening for state changes and rendering. Refactored legacy frontend and backend code into modern JavaScript and React.js which improved software loading speed by 378ms. Improved performance of the SPA by re-designing the contents and scroll and pagination and subdivided components to stop multiple re-renders on first page load.

## Awards and Certificates

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- JavaScript Mastery from InterviewBit
- Python from Udemy
- MySQL & Python For data analytics from Udemy

## Soft Skills

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- Communication, Technical design, Problem Solving, Adaptability, Teamwork, Time Management, Attention to Detail, Troubleshooting.