

# Chetan Pingale

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## PROFESSIONAL SUMMARY

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Senior Front-End Engineer with 9+ years of experience designing and building scalable, user-centric web applications. Specialized in React.js, TypeScript, JavaScript, front-end performance optimization, and leveraging AI-assisted development tools like GitHub Copilot to accelerate coding and improve code quality. Proven expertise developing responsive, intuitive UIs for AI-integrated products, including LLM tools, AI dashboards, and real-time data visualizations. Worked closely with machine learning teams and product managers to deliver AI-powered features and smooth user experiences. Experienced in Agile methodologies, cloud platforms (AWS), and leading front-end architecture in complex, data-intensive environments.

## TECHNICAL SKILLS

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**Languages:** JavaScript (ES6+), TypeScript, Java, HTML5, CSS3

**Frameworks & Libraries:** React.js, Next.js, Angular, Node.js, Express.js, Spring Boot, Redux, MobX, Context API

**Styling & UI:** Tailwind CSS, Flexbox, CSS Grid, SASS, Styled Components, Responsive Design, Bootstrap, Material UI

**Build Tools & Version Controls:** Vite, Webpack, Babel, NPM, Git, GitHub, Bitbucket

**Cloud & DevOps:** AWS, Docker, Jenkins, Apache Kafka, GitHub Actions, Netlify, Vercel, Kubernetes

**Database & API Technologies:** MongoDB, PostgreSQL, MySQL, DynamoDB, REST, GraphQL, WebSockets

**Testing & Quality:** Jest, React Testing Library, Cypress, Playwright

**Performance & Accessibility:** code splitting, caching, Lighthouse audits, WCAG compliance, ARIA roles

**Productivity & AI Tools:** GitHub Copilot, Cursor AI, Codeium, Amazon CodeWhisperer, ChatGPT

**Methodologies:** Agile, Scrum

## PROFESSIONAL EXPERIENCE

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**JPMorgan Chase | Houston, TX**

*04/2023 to Present*

### **Senior Software Engineer**

- Constructed reusable UI components leveraging React.js, Redux, and TypeScript, resulting in a 30% increase in user engagement on the JPMC platform through intuitive design.
- Leveraged GitHub Copilot to accelerate coding, reduce development time by 20%, and deliver high-quality code.
- Implemented a search feature in a nested sidebar menu using Angular, enabling users to find items 50% faster.
- Architected and optimized microservices architectures leveraging Spring Boot and Kafka for event-driven systems.
- Improved database query performance by optimizing SQL queries, reducing execution times by up to 30%.
- Automated regression test suite with Cypress, Jest, and React Testing Library, reducing manual testing effort by 40 hours per sprint and providing confidence in code reliability.
- Implemented code splitting and lazy loading, reducing initial load time by 30% and improving user experience.
- Designed user interfaces for core application features, cutting development time by 20% with reusable component libraries and a unified design system; recognized by team as 'go-to' designer.
- Authored and maintained front-end documentation, coding standards, and best practices to enhance code maintainability, team onboarding, and cross-team knowledge sharing.

**Goldman Sachs | Dallas, TX**

*07/2021 to 03/2023*

### **Senior Software Engineer**

- Transformed 50+ components within the Goldman Sachs Developer Portal (developer.gs.com) using TypeScript and React to meet AA accessibility standards; improved overall user engagement by 20%.
- Engineered responsive web applications using modern client-side technologies including JavaScript, React, React Hooks, and React-MobX, ensuring high performance and seamless user experiences across devices.
- Led a team of front-end developers to create and maintain a high-performance fintech platform using React, increasing user engagement by 35%.
- Mentored junior developers on React best practices during project development, leading to a 40% improvement in code quality and 25% fewer bugs.
- Architected, developed, and maintained RESTful APIs to facilitate robust communication and data exchange between front-end, back-end, and third-party systems, ensuring seamless integration and high system reliability.

**Capstone Integrate Solutions | Newburgh, NY***12/2020 to 05/2021***Software Developer - Intern**

- Led development and maintenance of the Massachusetts Lottery admin portal, improving user satisfaction scores by 30% and reducing support tickets by 25%.
- Built responsive applications using React, Next.js, TypeScript, and Node.js, achieving a 30% improvement in load times.
- Collaborated with cross-functional teams in a hybrid Agile environment to deliver 20+ high-quality features on schedule, contributing to a 98% sprint success rate.

**Tieto India Private Limited | Pune, India***02/2018 to 01/2020***Senior Software Engineer**

- Led front-end development for Tieto's banking product handling credit card transactions, enhancing UX for 10+ financial institutions across regions.
- Designed scalable UI architecture using React.js, JavaScript, and TypeScript to support complex credit card transaction features, boosting performance by 40% and reducing maintenance overhead by 30%.

**Inteliment Technologies | Pune, India***01/2017 to 02/2018***Senior Software Engineer**

- Crafted robust web applications using React-Redux architecture and AngularJS framework, achieving a 40% reduction in page load times and a 30% boost in user engagement.
- Developed web apps with React-Redux and AngularJS, cutting page load times by 40% and boosting user engagement by 30%.

**Synerzip Softech India Private Limited | Pune, India***10/2013 to 12/2016***Software Developer**

- Delivered 3+ responsive web applications with React JS, Spring Boot, and Hibernate, achieving 99.9% uptime.
- Built RESTful APIs with Spring Boot and Hibernate, supporting 10+ endpoints and cutting latency 35%.
- Integrated React Router into legacy multi-page apps, creating a seamless SPA and reducing render time by 60%.

**EDUCATION**

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**Binghamton University, State University of New York***Master of Science in Computer Science**01/2020 to 05/2021***Walchand Institute of Technology, Solapur, India***Bachelor of Engineering in Computer Science**06/2009 to 07/2013*