

# Ekta Pandey

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Experienced Full Stack Developer with over 5+ years of expertise in JavaScript, MFEs, REST APIs, and CSS3. Skilled in designing and developing user-centric web interfaces. Seeking an opportunity as a Senior Front-End Developer to contribute to a dynamic IT team, engage in all stages of development, and drive innovation.

## Skills

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**Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS, LESS  
**Frameworks:** React JS (with Redux, Saga), Angular, Next.js  
**Backend:** Node.js, RESTful APIs, GraphQL, Microservices  
**Tools:** Git, Webpack, Docker, Kubernetes, Jenkins, AWS  
**Testing:** Jest, Mocha, Selenium, Puppeteer  
**UI/UX:** Material UI, Figma, Sketch; knowledge of WCAG accessibility standards  
**Practices:** Agile (Scrum), CI/CD pipelines, performance optimization techniques  
**Cloud Services:** AWS, SaaS, PaaS

## Experience

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### Miller Constructions Services

Rosedale, Maryland, US

Software Developer(Agile)

May 2023 – Present

- Facilitated seamless collaboration between design and development teams, delivering responsive and user-friendly interfaces using React JS, Redux, and Material UI.
- Enhanced database performance by optimizing SQL queries and configuring AWS resources for scalable and efficient data processing.
- Engineered robust server-side applications with Node.js, enabling real-time data synchronization and improving backend efficiency by 30%.
- Partnered with security teams to integrate Auth0, fortifying authentication mechanisms and ensuring compliance with security best practices.
- Led technology modernization efforts, driving the design, development, and deployment of advanced systems to meet business needs.

### University of Maryland, Baltimore County

Maryland, US

Research Assistant

Nov 2022 – May 2023

- Delivered multiple research presentations on neural networks, simplifying complex concepts for diverse groups.
- Created simulation models using Matlab and Python to study intricate neural behaviors.
- Partnered with different teams, advancing research on neural networks.

### Tata Consultancy Services - Metlife

Chennai, India

Software Developer (Agile)

Oct 2020 – Aug 2022

- Enhanced 10+ website operations using React JS Saga, Next.js, Contentful CMS, and Bootstrap. Worked extensively with JavaScript, HTML5, CSS, SCSS, and LESS to deliver responsive design.
- Boosted SEO strategies, achieving top 5 search rankings for 15+ keywords.
- Managed the development of 20+ interactive UI components using Material UI, Redux, and jQuery.
- Spearheaded frontend optimizations, decreasing loading times by 20% through code-splitting and lazy loading.

### Tata Consultancy Services - Transamerica

Chennai, India

Software Developer (Agile)

Sep 2019 – Oct 2020

- Directed end-to-end SDLC, streamlining the delivery of 15+ projects.
- Transitioned 10 apps to SPAs, elevating user experience by 40 percent and reducing loading times by 20 percent.
- Pioneered the integration of 5 RESTful APIs, speeding up data retrieval by 30 percent.

### Tata Consultancy Services - Prudential

Chennai, India

Software Developer (Agile)

Nov 2018 – Dec 2019

- Developed 10+ modules using Java J2EE, bolstering backend operations by 25 percent.
- Collaborated on 5+ releases, achieving 90 percent+ acceptance rates.
- Enhanced data retrieval strategies, integrating 7 RESTful APIs.

## Certifications

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**React JS Advanced Course:** Udemy, React JS Advanced Course focusing on advanced React and Redux concepts.

**AWS Certified Developer - Associate:** AWS. Mastery over AWS services, APIs, and SDKs.

**Certified ScrumMaster (CSM):** Scrum Alliance, Agile methodology and Scrum framework.

**Google Security Certificate:** Google Security Certificate specializing in web security, encryp protocols, and secure architecture.

**META Certification:** Meta Platforms. Advanced usage of React technologies, including React Hooks and Context API.

## Education

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### University of Maryland, Baltimore County

Baltimore, MD

Master of Science in Computer Science

Aug 2022 – May 2024

Collaborated on advanced research projects and partnered with faculty on AI and machine learning applications.

### Techno India, Saltlake

Kolkata, India

Bachelor of Engineering in Information Technology

Aug 2014 – July 2018

Competed in 10+ tech events, securing the top spot in the annual hackathon among 50+ participants.