

# Divya Mishra

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## Objective:

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Full-Stack developer with 5+ years of experience in frontend development using HTML, CSS, JavaScript frameworks and backend development using Node.js. Expertise in security principles, microservices architecture, AWS cloud services (S3, Lambda, CDK, EC2) and DevOps practices.

## SKILLS

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- **Frontend Technologies:** HTML5, CSS3, JavaScript, TypeScript, React.js, Redux, Vue.js, Next.js, D3.js
  - **Technologies:** Express.js, Node.js
  - **Cloud Services:** AWS (Lambda functions, S3, CloudFormation and CDK)
  - **DevOps:** Jenkins, Docker, Azure
  - **Database:** MongoDB, MySQL, PostgreSQL
  - **Testing Frameworks:** Jest, React Testing Library, Playwright (Automation Testing) and JMeter (Performance/Stress Testing)

## EXPERIENCE

### COGNIZANT | Senior Software Engineer | (02/22 – Present) | Pune

- Led the development of UI applications using React.js, and Redux using test driven development which enhanced code management and feasibility in delivering features by 65%.
- Actively participated in infrastructure development with AWS CDK with TypeScript for scalable and maintainable codebase which is reused by 50% applications of the company.
- Incorporated Tailwind CSS to streamline DOM manipulation for frontend development, optimized load times by 40% and improved user experience.
- Engineered a robust API in Node.js using Lambda functions and step functions reducing 45% complexity, enabling seamless data retrieval from DynamoDB database leading to 25% reduction in front-end loading time and 30% increase in customer satisfaction score.

### TATA CONSULTANCY SERVICES | Frontend Engineer | (07/18 –02/22) | Mumbai

- Progressive Web Apps (PWAs) using React.js, enhancing user engagement by 30%.
- Developed robust unit tests and performance benchmarks utilizing the Jasmine framework for AngularJS applications, achieving 90% code coverage and identifying performance bottlenecks.
- Crafted responsive and intuitive user interfaces with Vue.js, resulting in a 25% increase in user engagement and retention across diverse devices and platforms

## PROJECTS

### PHARMACYCLICS | Web Application | Node.js | React.js | AWS CDK

- Built a scalable React.js/Node.js web app with TypeScript (~25% errors), serverless Lambda functions, and AWS CDK for streamlined IaC deployments (~60% deploy time).
- Optimized application bundle size through code-splitting and tree-shaking techniques, reducing initial load time by 30%.

- Leveraged AWS services such as S3, CloudFront, Step Functions, SQS, and CloudFormation for REST API development with Lambda.
- Established a CI/CD pipeline for automated deployment of AWS CDK infrastructure, reducing deployment time by 50% and minimizing manual errors.
- Achieved 90% code coverage through comprehensive test suites, ensuring infrastructure code stability and reliability across environments.

#### **INSURANCE ENQUIRY APPLICATIONS | Web Application | React.js| Redux Toolkit | Single-SPA**

- Architected reusable search options and user detail components using React.js and Redux Toolkit, improving application modularity and reducing code duplication by 30%.
- Implemented comprehensive unit testing with Jest, achieving 95% code coverage and ensuring robust code reliability.
- Ensured accessibility compliance by utilizing HTML5 semantic tags.
- Integrated application with Java REST APIs, enabling seamless data interaction and improving response times by 25%
- Collaborated closely with the design team, translating Adobe XD designs into pixel-perfect UI components while maintaining design fidelity.

#### **INVESTMENT SEARCH TOOL | Web Application | Vue.js | Agile Development**

- Created legacy portfolio screens in Angular.js to manage financial instruments which increased user interaction by 45%, captured by creating event trigger functions of Adobe Analytics tool.
- Spearheaded migration of legacy AngularJS application to modern Vue.js framework, refactoring 10K+ lines of complex logic to improve performance and maintainability.
- Aligned closely with cross-functional stakeholders to align application features with evolving business requirements, ensuring seamless user experience.
- Streamlined project workflow through consistent code contributions and addition of 5+ new features, accelerating development cycle by 20%.

#### **EDUCATION**

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Bachelor of Vocations in Software Development (B.VOC [SD&EG]) from Lucknow University, Lucknow. (07/2015 - 03/2018)