

# ABHISHEK YADAV

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## SUMMARY

Full Stack Developer with 1.5+ years of experience in React, Node.js, SQL, AWS, and Redis, building scalable web applications and RESTful APIs.

## TECHNICAL SKILLS

**Frontend:** HTML5, CSS3, React.js, Redux, Material UI, Webpack, Babel.

**Backend:** JavaScript, TypeScript, Python, Node.js, Express.js, AWS, Redis, RabbitMQ, SQL.

**Others:** Data Structures and Algorithms, High-Level Design, OOPS.

## EXPERIENCE

### 1) Bank Of America

July 2024 – Present

*Software Engineer*

Mumbai, Maharashtra

- Collaborate with an 8-member software development team to deliver cloud-based online payment processing microservices using Node.js, Express.js, SQL, RabbitMQ, and Redis.
- Integrating multiple payment gateways like Razorpay and Cashfree into a single pay-in and payout platform, decreasing transaction cost by 10%.
- Developed and maintained webhook handlers to process asynchronous payment events (success, failure, refunds), ensuring idempotency and automated retries for failed webhooks.
- Implemented server-side validations and risk checks (amount thresholds, velocity checks) and integrated the payment gateway's fraud scoring API, preventing high-risk transactions and minimizing potential fraud by 70%.
- Leveraged Object-Oriented Programming (OOP) concepts to design modular and extensible architecture, improving scalability and easing future feature integrations while adhering to SDLC and SOLID principles.

### 2) Solytics Partners

August 2023 – May 2024

*Frontend Development Intern*

Remote

- Led the design and development of responsive React-based web interfaces, enhancing user experience by improving front-end load times by 15%. This involved optimizing rendering performance and implementing efficient state management with React hooks, lazy loading, code-splitting, and memoization.
- Gained expertise in modern frontend technologies, including React, Axios for API calls, Material-UI 5 for UI components, Formik and Yup for form handling and validation.
- Spearheaded the development of high-priority projects, including UDF Manager, Project Sharing, and Collaborative Projects, boosting overall product efficiency by 20%.

### 3) TakeUforward

March 2022 – December 2022

*Member of Technical Staff Intern*

Remote

- Authored and published 25+ high-quality articles, generating over 10,000 views and a 4.8-star average rating.
- Amplified the website's reach by driving a 33% surge in visitor traffic through effective content strategies.

## PROJECTS

### Vercel - Web Application Hosting Service [\[Github\]](#)

- Built TypeScript-based microservices with Express.js, Redis, and AWS SDK for handling S3 file uploads/downloads and task processing.
- Implemented a worker to process Redis queue, ensuring smooth file upload tracking and status management.
- Automated file operations on AWS S3, including directory uploads, downloads, and metadata handling.
- Designed a frontend form to interact with backend services, leveraging simple-git for repo cloning and Redis for status polling.

## EDUCATION

### Vellore Institute of technology

September 2022 – May 2024

*Masters of Computer Application*

Vellore, Tamil Nadu

### H.P.T Arts and R.Y.K Science College

September 2019 – May 2022

*Bachelor of Science in Computer Science*

Nashik, Maharashtra

## ACHIEVEMENTS

- Golden badge at Leetcode
- Ranked 4784 of 21k in Leetcode Biweekly [\[Link\]](#)
- Ranked 282 of 10k in Codechef July challenge.
- 3 star at Leetcode