

Abhisek Ray

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Kolkata

Summary

Accomplished **Senior Software Engineer** with **3.5 years** of experience a highly motivated and detail-oriented software engineer seeking to use my expertise in software development and drive continuous improvement in a dynamic tech environment. Proficient in backend development, with expertise in **Node js, Talend, React js, Redux, Express, Mongo DB , JavaScript, HTML, CSS, Typescript, Docker, Kubarnet, DynamoDB ,AWS, Lambda, Serverless, SQS, SNS ,Dockers, MicroServices** . Adept at driving **agile methodologies** and fostering a collaborative work culture.

Demonstrated ability to lead cross-functional teams, driving projects to successful completion. Below are some highlighted examples of my accomplishments:

- Successfully developed and deployed scalable RESTful APIs using Node.js and Mongo DB, optimizing response times by 30% and handling millions of requests daily.
- Introduced Typescript into the development process, leading to a significant reduction in bugs and increased code Maintainability.
- Introduced **Typescript** into the development process, leading to a significant reduction in bugs and increased code maintainability.
- Implemented a robust **CI/CD** pipeline with **Jenkins** and **Dockers**, **reducing deployment time by 50%** and ensuring smooth integration of new features and bug fixes .

Experience

NavSoft(Navigators Software)

Senior Software Engineer, Kolkata,

10/2024 – 02/2025

1. Developed and maintained the **Alpha AI** project with a focus on creating and optimizing AI-driven functionalities.
2. Built and prototyped key components in **Node-RED**, then converted them into scalable and maintainable Node.js applications using Typescript.
3. Integrated PostgreSQL and SQL databases for efficient data storage and retrieval.
4. Utilized Dockers for containerized deployments, ensuring consistent performance across environments.
5. Tech stack: Node.js, Typescript, Dockers, PostgreSQL, SQL, Mongo dB, Rest Api, Docker

Happiest Minds Technologies

Senior Software Engineer, Bangalore, Karnataka

03/2023 – 10/2024

1. Designed and implemented **Microservices**-based architecture for a scalable certificate management system using AWS.
2. Developed independent certificate issuance, blockchain integration, OCR processing, and user authentication microservices.
3. Responsible for **integration with Hyper-ledger fabric** block chain integration.
4. Integrated 3rd party systems like Digilocker, Zammad and Stripes.
5. Worked on **OCR** technology for intelligent text extraction using **AWS Textract**, and also integration with ML NLP APIs.
6. **Tech stack**: Mongo DB, Node js, AWS SNS, SQS, S3, Textract, Lambda, Hyperledger Fabric, Microservices.

Happiest Minds Technologies

Junior Software Engineer, Bangalore, Karnataka

03/2022 - 02/2023

1. Responsibilities: Development, Refactoring, documenting, unit testing of **Food menu management**.
2. Provided REST APIs for integration with Kiosks and delivery websites of multiple franchises.

3. Automated menu creation process by converting client CSV to JSON with fail-safe mechanism.
4. **Tech stack:** (Node, JavaScript, Typescript, Mongo DB, AWS, Lambda, Cloud Watch)

Happiest Minds Technologies

Graduate Programmer, Bangalore, Karnataka

05/2021 - 02/2022

1. Create **Clinic appointment booking project**.
2. Contributed to the development of a Clinic Appointment Booking System, focusing on front-end design and responsiveness.
3. Developed and optimized UI components using React.js, ensuring cross-browser compatibility and accessibility
4. Implemented Bootstrap, Tailwind CSS, and MUI for styling and responsiveness across all devices.
5. Managed form validation and submission using React Hook Form and React Testing Library.
6. Integrated React Router for seamless navigation within the application.
7. Integrated 3rd party systems like bcryptjs, multer, helmet, Strip, Cors.
8. **Tech stack:** Mongo DB, Node.js, Express.js, JavaScript, HTML, CSS, React.js, Redux Toolkit, Bootstrap, AWS

Education

Bachelor Of Computer Application	Regional Collage Of Management	Odisha, Bhubaneswar	2018- 2021
12th Science CHSE (State Board)	Navajyoti Junior Science College	Odisha, Bhubaneswar	2016- 2018
10th BSE (State Board)	School of Integral Education	Odisha, Bhubaneswar	2008- 2016

Others

- Participated and won the first prizes in running competition during school sports(2016)
- Participated and won the Finals of Inter-School cricket tournament.(2015)

Personal Details

Date of Birth : 4-Nov-2000

Nationality : Indian

Language Proficiency : English, Hindi, Odia

Marital Status : Single

Total Experience : 3 year

Declaration

I hereby declare that the above particulars furnished by me are true to the best of my knowledge and belief.

Abhisek Ray
