

Harsh Yadav

Full Stack Developer

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SUMMARY

Experienced full-stack developer proficient in both front-end and back-end development, skilled in collaborating with cross functional teams across diverse time zones. Expertise includes JavaScript, HTML, CSS, React, Node.js, Python, Django, RESTful APIs, SQL, MongoDB, Agile methodology, Scrum, Git, and CI/CD pipelines.

SKILLS

Programming Languages JavaScript, TypeScript, Python

Frontend Frameworks React Js, Next Js

Backend Frameworks Node.js, Express.js, Django

DevOps and Cloud Docker, Amazon Web Services, CI/CD Pipelines, Nginx

Databases mySql, MongoDB, PostgreSQL

EXPERIENCE

Software Developer

Jun '24 — Present

TexAu United Arab Emirates (Remote)

- **Implemented microservices-based solution** using **Node.js and TypeScript**, significantly enhancing system flexibility and performance
- Utilized **AWS Lambda** for **serverless computing**, optimizing resource utilization and reducing infrastructure costs
- **Integrated Zapier** to create seamless workflow automations, enabling efficient data synchronization across multiple sales and marketing tools
- Successfully **deployed specialized automation services using Docker and Amazon ECS**, ensuring consistent and reliable application deployment
- Designed and implemented **automation strategies** that increased lead conversion rates and reduced manual data processing time

Aws Developer(Contract)

Jan '24 — Jun '24

Sonnul Sacramento, California, United States (Remote)

- **Integrated Sanity.io with Gatsby and React**, building and optimizing **Sanity schemas** to enhance content management and dynamic content rendering
- Utilized **Sanity GraphQL APIs** to create flexible and efficient content delivery mechanisms
- Leveraged **AWS S3** for **efficient storage and management of application assets**, ensuring high availability and durability of project resources
- **Developed reusable and modular DynamoDB classes** for complex filter expressions, significantly streamlining database query and data manipulation processes
- Developed **modular, TypeScript-based backend services** that improved code maintainability and reduced potential runtime errors
- Successfully **integrated AWS Cognito** for secure user authentication, dramatically enhancing application security and user management capabilities

Software Engineer

Oct '22 — Oct '23

Stride Ahead Delhi, India (Remote)

- Effectively led the migration of monolithic backend applications to FastAPI and Node.js microservices, driving the adoption of contemporary technologies for enhanced performance and scalability.
- Implemented CI/CD pipelines with AWS services (S3, Amplify, CodeDeploy, Route53, ACM, CloudFront) for streamlined development and reliable automated deployments.
- Proficiently managed databases, optimizing data models by transitioning from Object-Relational Mapping (ORM) tools to raw queries. This focus on performance tuning led to faster response times across various services.
- Delivered swift resolutions to client issues, showcasing adept problem-solving abilities. This proactive approach not only enhances customer satisfaction but also safeguards the company from potential losses by maintaining a positive customer experience.
- Effectively resolved bugs across frontend and backend systems, resulting in significant enhancements to web functionality. Timely bug resolution contributes to an improved user experience and ensures platform stability.

Web Developer Intern

Aug '23 — Sep '23

Algozenith Delhi, India

- Integrated the user interface (UI) with backend compilers for multiple programming languages including C, C++, and Go. This seamless integration empowers users to write, compile, and run code directly within the platform.

- Led the migration of UI from React to Next.js 13 for server-side rendering, enhancing performance and enabling SEO optimization. Additionally, facilitated the transition to continuous deployment on AWS Amplify for streamlined development and deployment workflows.

PROJECTS

Node.js Project - Back End Development, AWS CodeDeploy, S3, bitbucket-pipelines [Link](#)

- Used TypeScript as it enhances code quality and developer experience.
- CI / CD bitbucket pipeline with AWS Service CodeDeploy, S3 and Nginx for port-forwarding.
- Backend Built using Node.js, Express.js to handle Api integration . PG Library to handle PostgresSql database connections.
- Modularized Project Structure which promotes code maintainability, reusability, and scalability.

Digital Marketing And Weather Info Website - Frontend And Backend Development, AWS , Webhook with Google Sheets [Link](#)

- Used Next.js with typescript and tailwind CSS to build reusable UI components for better SEO and overall performance.
- Deployment is handled by AWS services with builds uploaded on S3 bucket, with CloudFront as CDN, while Route 53 is used to handle all DNS.
- Built and Deployed a Serverless Backend using Node.js, Express.js and AWS Lambda to store user enquiry data on DB and a webhook is called to send data to google sheets of the client.
- Created a Docker Image for deployment on EC2 instance. Nginx is configured for port-forwarding.

Flask Note - Backend Development, AWS, JWT based Authentication [Link](#)

- Backend Built using Flask, Python which a Modularized Project Structure for better code maintainability, reusability, and scalability.
- MongoAtlas is used as Database and MongoEngine for handling database connections while JWT is used for user authentication.
- Created a Docker Image for deployment on EC2 instance and configured Nginx for port-forwarding.

EDUCATION

Bachelor's Degree in Computer Applications, Calcutta Anglo Gujarati College

Jan '21 — Jan '24
Kolkata, India

- Kolkata, India