

ADITYA UPADHYAY

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SUMMARY

Experienced **Full Stack Developer** with **5 years** of experience in **Angular and React** development, and a strong background in web development technologies, such as **Node JS, AWS and Docker**.

TECHNICAL SKILLS

Backend: Node JS, Express JS

Programming Languages: JavaScript, Python, Golang

Frontend: Angular, React, jQuery, AJAX, HTML, CSS

Database and ORM Tools: MySQL, MongoDB

Cloud and Container: AWS (EC2, S3, CloudFront), Docker, Kubernetes, Azure, GCP

Other Tools & Technologies: Git, Agile, JIRA, Trello, Redis, Jenkins

WORK EXPERIENCE

Freelance - Full Stack Developer

Technology Stack: Angular, Nodejs, Express.js, JavaScript, MongoDB

Nov 2022 – Present

- Successfully integrated third-party APIs like OpenAI, Midjourney, and Leonardo AI to generate and edit images from text prompts, leading to a 30% increase in user engagement.
- Developed APIs for mobile app, enabling remote audience participation with real-time audio feedback.
- Implemented query optimization strategies in MongoDB, reducing cluster size and lowering infrastructure costs by 30%, enhancing client billing efficiency and reducing response times by 50%.
- Implemented cron jobs to automate the data retrieval process.
- Created and integrated APIs to search and retrieve content from TikTok, Instagram, and YouTube, enhancing content discovery capabilities of app and providing users with a seamless experience.
- Enforced robust security measures, including JWT and encryption algorithms for secure user authentication and AWS security features, reducing security incidents by 25%.

Senior Software Engineer | Solution Analysts

Technology Stack: Angular, Nodejs, React, JavaScript, MongoDB, AWS, Docker

Jun 2019 – Sep 2022

- Managed backend for high-traffic applications with over 100K users, ensuring optimal performance and reliability, achieving a 99.9% uptime.
- Engineered RESTful API for mobile app, enabling contactless payments via NFC bands, enhancing transaction ease and security, leading to a 50% increase in payment processing speed.
- Built features for the admin panel using Angular, including a graphical dashboard and various management modules, streamlining admin operations and reducing management time.
- Improved response time in search by 23% using Elastic Search.
- Executed unit cases comprehensively using Mocha, Chai, and Jest, improving code quality and reducing bugs.
- Implemented CI/CD, automating systems and processes, leading to a significant increase in deployment efficiency and reducing manual errors.
- Leveraged Docker and Kubernetes for application containerization and orchestration, which resulted in improvement of application deployment speed, significant increase in system scalability, and reduced infrastructure costs.
- Utilized Git for version control, fostering collaborative development and effective code management.
- Led and mentored junior engineers in JavaScript, Angular, and NodeJS, fostering a supportive and collaborative team environment, resulting in an improvement in code quality.

EDUCATION

Post Graduation in Web development | **GPA: 3.75/ 4.00** | Conestoga College | Brantford, Canada

Sep 2022 – Dec 2023

Bachelor of Technology in Computer Engineering | **GPA: 7.47/10.00** | BVM Eng College | Anand, India

Aug 2015 – Jun 2019

PROJECTS

Hungry Hitch (Food Delivery) | Conestoga College | GitHub | HungryHitch

Sep 2023 – Dec 2023

Technology Stack: Angular, NodeJS, Express, JavaScript, MongoDB

- The web application built using angular component-based architecture, ensuring that the codebase is maintainable, scalable, and easy to understand.
- Nodejs for its real-time capabilities, scalability and the convenience of using JavaScript across frontend and backend, streamlined development and maintenance.
- Implemented admin panel for adding and modifying restaurants, foods and categories.