YUKTABA GOHIL

Boston, MA • (585) 754-6179 • yuktaagohil@gmail.com • LinkedIn

SUMMARY

Motivated and result-oriented Software developer with a strong technical foundation and proven experience in building web and mobile applications. Skilled in Python, JavaScript, TypeScript, React.js, Node.js, and cloud platforms like AWS. Track record of successful full-stack projects, including blood banking management, expiry date tracking, and cloud-based solutions. Demonstrated ability to integrate cutting-edge technologies like OpenAI.

EDUCATION

Northeastern University, Boston, MA   May 2024
MS in Information Systems.
- **Coursework:** Web design, Application Engineer and Dev, Database Design and Data Management, User Experience Design/Testing, Agile Software Development, Cloud Computing, Program structures and Algorithm, Software Quality control and management

Shantilal Shah Engineering College, Bhavnagar, India   May 2021
Master of Engineering in Communications Systems, GPA: 3.5/4.0

Government Engineering College, Bhavnagar, India   May 2018
Bachelor of Engineering in Electronics and Communications Engineering, GPA: 3.5/4.0

SKILLS

Programming Languages: Python, HTML, CSS, JavaScript, Typescript, Flutter, Pulumi
Libraries and Tools: React.js, Node.js, Postman, Express.js, Figma, OpenAI
Cloud Platforms: AWS
Operating Systems: Linux, Unix, Windows
Database: MySQL, PostgreSQL, MongoDB, Oracle, Firebase
Software: NetBeans, Visual Studio Code, OpenCV, TensorFlow, GitHub

WORK EXPERIENCE

I4SOFTWARE, USA   Jul 2023 – Sep 2023
Software Developer Intern
- Developed a full-stack web application using React, Firebase, and Node.js on AWS (EC2, S3), improving UI responsiveness and user interaction.
- Enhanced mobile app functionality with JavaScript and TypeScript; streamlined development by introducing automated API testing via Postman.
- Delivered an MVP for a mobile app in one day using React, integrating best coding practices, and managing cloud infrastructure with Pulumi.
- Led a team of 5 in an Agile (Scrum) environment using Git for version control, and Figma for UI/UX design, increasing project delivery speed.
- Managed an MVP for a meal planner project utilizing OpenAI API for NLP and MySQL for robust data handling, increasing user base by 50%.
- Engineered a personalized meal planner application using Node.js, Express.js, and TensorFlow to generate customized health suggestions, with user tests showing a 90% satisfaction rate.

LETS NURTURE PVT LTD., Ahmedabad, India   Apr 2021 – Apr 2022
Software Engineer
- Headed payment solution integration with Python, Django, and PostgreSQL for a food delivery app that reduced payment fraud by 15%.
- Built secure REST APIs using Python, OAuth2, and JWT for enhanced data integrity and access control, elevating platform reliability by 30%.
- Optimized Django search algorithms, achieving a 20% reduction in response time through advanced query optimizations and indexing.

PROJECTS

BLOOD BANKING WEBSITE (Javascript, React.js, MongoDB, Node.js)
- Constructed a robust blood bank management system using React.js, Node.js, MongoDB, and Stripe, featuring secure authentication, dynamic search, online donations, and unit testing for a 25% reduction in post-release defects.

EXPIRY DATE MANAGER (HTML, CSS, JavaScript, Firestore)
- Created a user-friendly, responsive expiration date tracker using HTML, CSS, JavaScript, and Firestore, employing problem-solving techniques to ensure accurate calculations and timely reminders for enhanced safety.

CLOUD COMPUTING (AWS, Pulumi)
- Architected scalable, cost-efficient cloud solutions with AWS (EC2, S3, Lambda, IAM), serverless design, CloudWatch monitoring, secure domain management (Namecheap, SSL), and CI/CD pipelines (GitHub), reducing operational costs by 25%.

ART GALLERY MANAGEMENT SYSTEM
- Designed a comprehensive web-based art gallery management system, offering features for online artwork display, inventory tracking, sales management, exhibition organization, and customer relationship management.

WEATHER FORECASTING APP
- Developed an intuitive React-based weather forecasting app, providing visually engaging 5-day forecasts and clickable hourly breakdowns to enhance user decision-making.

HOSPITAL MANAGEMENT PROJECT (Java, Eclipse, JDBC)
- Implemented key modules (patient registration, appointment scheduling, inventory management) for a Java-based Hospital Management System.
- Applied agile methodologies to enhance operational efficiency, ensure on-time delivery, and maintain quality via testing and code reviews.

CERTIFICATIONS

AWS Cloud Practitioner