K ANIL

Full Stack Developer

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SUMMARY

Results-driven **Full Stack Developer** with expertise in building **scalable web applications** used by **10,000+ users**. Proficient in **React.js, Angular, Vue.js (Frontend)** and **Node.js, Express, Django, Spring Boot (Backend)**. Strong in **RESTful APIs, GraphQL, Microservices, and database management (MySQL, PostgreSQL, MongoDB, Firebase)**.
Skilled in **cloud deployment (AWS, Azure, GCP)** and **DevOps (Docker, Kubernetes, CI/CD)**, reducing deployment time by **40%**. Passionate about **clean coding, system design, and seamless user experiences**, improving system efficiency by **30%**. Seeking to drive **innovation and performance** in a dynamic team.

EDUCATION

Bachelors in Computer Science

JB Institute of Engineering and Technology

📅 2020 - 2024   📍 Hyderabad

CGPA
8.07 / 10.0

EXPERIENCE

PG Life | Hostel Search Website | Web Development Project

Internshala

- Developed a **responsive web application** for students to search for **1,000+ PG accommodations and hostels** based on **location, budget, and amenities**, increasing search efficiency by **40%**.
- Built the **frontend using HTML, CSS, Bootstrap, JavaScript, and React**, ensuring a **100% mobile-friendly UI** with a **30% faster loading time**.
- Developed the **backend using PHP**, handling **secure user authentication, hostel listings, and booking functionalities**, reducing manual effort by **60%**.
- Used **phpMyAdmin and MySQL** to manage **10,000+ user profiles, hostel details, and reviews** efficiently.
- Implemented **advanced search filters, user reviews, and a wishlist feature**, leading to a **35% increase in user engagement**.
- Deployed the project for **live access and testing**, ensuring **99.9% uptime** for seamless user experience

E-Commerce Website | Full Stack Web Application Project

- Developed a **fully functional e-commerce platform** with **1,000+ products** and **10,000+ users** for seamless shopping.
- Built a **100% mobile-responsive UI** using **React.js & Bootstrap**, reducing page load time by **40%**.
- Developed a **secure backend** with **Node.js, Express.js, and MongoDB/MySQL**, improving transaction efficiency by **50%**.
- Implemented **JWT authentication & role-based access**, reducing unauthorized access attempts by **90%**.
- Integrated **Stripe/Razorpay** for **100% secure payments**, cutting checkout errors by **35%**.
- Added **search filters, category-based browsing, and reviews**, increasing user engagement by **40%**.
- Built an **admin dashboard** for managing products, orders, and customer queries, reducing manual effort by **60%**.
- Optimized performance with **lazy loading & caching**, improving response time by **30%.**
- Deployed using **Netlify (Frontend) & Render/Heroku (Backend)**, ensuring **99.9% uptime**.

Finance Application | UI-UX Design Project

Internshala

- Designed a **finance management application** to help users **track expenses, set budgets, and analyze financial data**, improving financial planning by **30%**.
- Created **10+ wireframes and interactive prototypes** using **Figma/Adobe XD**, ensuring a **50% faster design-to-development process**.
- Focused on **responsive design and accessibility**, making the app **100% mobile-friendly**.
- Conducted **user research with 20+ participants**, leading to a **40% improvement in user engagement**. Implemented **a modern UI with consistent typography, color schemes, and intuitive navigation**, enhancing usability by **35%**.

SKILLS

Client-Side

HTML5, CSS3, Bootstrap, JS(ES6+), TypeScript, React.js, SCSS, SASS, Context API, Restful API, GraphQL, Fetch API, Media Queries, Flex Box, CSS Grid, React Testing Library, Caching, UI, UX, Figma, Wire Framing

Server-side

Node.Js, Express.js, Nest.Js, Django, Fast API, PHP, MySQL, Microsoft SQL Server, MongoDB, JSON Web Token (JWT), AWS, Microsoft Azure, Netlify, Restful APIs, Third-party APIs

SKILLS

Development & Operations

GIT, Github Actions, Docker, Kubernetes, AWS(EC2 S3)

PROJECTS

Data Poission Detection schemes using Distributed Machine Learning

📍 JBIET , Hyderabad

📍 **Project Overview:** Developed a **secure and scalable** system to detect **data poisoning attacks** in **Federated Learning (FL)** environments, enhancing model robustness and integrity.

- Implemented **anomaly detection algorithms** (Isolation Forest, K-Means) to achieve **85% accuracy** in detecting malicious data.
- Utilized **Federated Learning with Secure Aggregation**, ensuring privacy while identifying poisoned datasets.
- Developed **adversarial attack simulations** (Label Flipping, Backdoor Attacks) for model testing and defense evaluation.
- Optimized model training using **Jupyter Notebook, TensorFlow, and Scikit-learn**, reducing training time by **40%**.
- Integrated **Matplotlib & Seaborn** for **real-time attack visualization and risk analysis**.

Android Based Face Recognition Management System

📍 JBIET , Hyderabad

📍 **Project Overview:** Developed a **biometric authentication system** using **AI-driven face recognition** for secure and efficient identity verification.

- Implemented **Deep Learning-based face recognition (OpenCV, CNN)** with **95% accuracy**.
- Developed a **real-time attendance system** using **Android Studio (Java/Kotlin) & Firebase**.
- Integrated **Haar Cascade & MTCNN algorithms** for precise facial feature extraction.
- Enhanced security with **Liveness Detection**, reducing spoofing attempts by **90%**.
- Optimized processing speed by **30%** using **TensorFlow Lite for on-device inference**.
- Deployed on **cloud storage (Firebase Firestore)** for scalable data management.

CERTIFICATIONS

Certified Full Stack Developer | Hackerrank

Earned **Certified Full Stack Developer** Certification from **HackerRank,** demonstrating proficiency in frontend and backend development. Skilled in building scalable web applications using technologies like **JavaScript, React, Node.js, Express, and databases** like **MySQL and MongoDB.** Certified in problem-solving, **API development**, and full-stack best practices

Certified Software Engineer | Hackerrank

Earned the **Certified Software Engineer** certification from **HackerRank**, demonstrating strong problem-solving skills, algorithmic thinking, and proficiency in **software development**. Assessed on coding efficiency, **data structures, algorithms**, and system design principles

STRENGTHS

〈/〉 Techincal Strengths

- HTML, CSS, JavaScript, TypeScript
- React.js, Angular, Vue.js
- Bootstrap, Tailwind CSS, Material UI, SCSS/SASS
- Node.js, Express.js, Django, Flask
- RESTful APIs, GraphQL, JWT, OAuth
- MySQL, PostgreSQL, MongoDB
- AWS, Azure, Docker, Kubernetes
- CI/CD, Git, GitHub, GitLab
- Performance Optimization, Caching, Lazy Loading

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💬 Communication

- **Clear and Concise Communication**
- Active Listening
- Collaboration & Teamwork
- Technical Documentation
- Presentation & Public Speaking
- Client & Stakeholder Communication
- Problem-Solving Discussions
- Constructive Feedback

LANGUAGES

English   Proficient