Full Stack Developer (2+ YOE) | +1 (201) 423 0221 | pnadella@stevens..edu | LinkedIn | Github

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Master of Science in Computer Science : *GPA 3.82/4.0* Hoboken, New Jersey

Bachelor of Technology in Computer Science and Engineering : *GPA 4.0/4.0* Andhra Pradesh, India

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- C++, Java, Python, JavaScript(ES6+),Shell/Bash Scripting, HTML5, CSS3, SQL,Handlebars
- React, Node.js, Next.js, Redis, Firebase, Websockets, TypeScript, RESTful APIs, Vue.js, Django, Spring Boot
- JIRA, Git, Agile Methodologies, Postman, CI/CD, Jenkins, Docker, Apache Kafka
- GraphQL, MySQL, PostgreSQL, Oracle DB, MS SQL Server, MongoDB, AWS, GCP

Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Software Engineering, Machine Learning, Database Systems, Distributed Systems, Computer Networks, Computer Vision

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Samsung Data Systems Gurgaon, India

- Worked on a large-scale web application that received millions of daily visits. Developed and maintained frontend components using VueJS framework ensuring code quality and optimal performance
- Implemented Vuex modules,reducing state complexity and improving maintainability, ultimately leading to a 40% reduction in debugging and development time
- Created GraphQL APIs using javascript,leveraging mongoDB for data management and integrated Redis caching for frequently accessed data reducing API response time from 300ms to 30ms
- Configured and deployed scalable microservices architecture using Docker for containerization and Kubernetes for orchestration, resulting in a 29% improvement in deployment efficiency and a 25% reduction in resource utilization

Samsung Data Systems Gurgaon, India

- Engineered reusable and configurable UI components using Vue.JS, TypeScript, and Tailwind CSS, enabling dynamic form creation with custom field types, reducing development overhead and defect rates by 20%
- Integrated Vuex for state management, optimizing application performance and reducing load time by 47%
- Used Apollo Client for GraphQL integration, which resulted in a 53% reduction in API response time
- Deployed Template marketplace using Vue.JS and GraphQL, reducing template load times by 50% through lazy loading, code-splitting, and asset prefetching, while ensuring cross-browser compatibility and mobile responsiveness
- Executed unit tests with Jest to ensure component reliability, achieving over 95% test coverage, and automated frontend deployments via CI/CD pipelines using Jenkins, reducing deployment time by 70%

ReactJS, NodeJS, Express, MongoDB, Redis, WebSockets

- Developed a full-stack web application using React.js and Node.js with Express.js that connects home cooks with users looking for homemade meals. Designed a responsive UI with React, implemented RESTful API using Express, and managed data with MongoDB for seamless order processing and user interactions.
- Cached recently ordered dishes, and user details using Redis, reducing database load and improving response time.
- Implemented Firebase Authentication to handle secure user login and enabling social login options for a seamless authentication
- Used AWS S3 for storing dish images and integrated ImageMagick (Imagick) to resize and edit images before uploading
- Integrated Stripe for handling payments, allowing users to add card details and process transactions securely.
- Implemented WebSockets to enable chat option between users and cooks once the order is placed, while caching the last 50 messages using Redis to improve performance and reduce latency in retrieving chat history.

NodeJS, Express, MongoDB, Handlebars.js, Bootstrap

- Developed a full-stack web application that helps students find study partners based on their majors and subjects, while also enabling them to schedule study sessions with others based on availability and subject preferences.
- Built post management functionality allowing students to create, edit, or delete posts for study requests, ensuring up-to-date content.
- Created a fully functional backend system with Node.js and Express, which processed over 1,000 requests per minute, ensuring high availability and reliability for client services during peak usage hours.

Java, Spring Boot, Multithreading, Distributed Systems, ML, Selenium, React

- Implemented a Credit risk assessment process utilizing Java, C++, and ML Models. Reduced processing time by 25% in processing time, including Fraud Detection, Risk Analysis, and Risk Calculation through Distributed systems, and Caching solutions