NIKET PANJWANI

Software Engineer

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SUMMARY

Software Engineer with 2**+ years of experience**, specializing in **full-stack development** with strong emphasis on user experience and system scalability. Proven track record in leading development of client-facing applications using popular full-stack frameworks like **React, Vue, Flask, and Node** and accelerating delivery through **agile practices** along with adoption of **GenAI** and **cloud solutions**.

EXPERIENCE

Software Engineer

McKinsey & Company

📅 07/2022 - 04/2024   📍 Chicago, IL

- Led the development of an **AI-powered analytics dashboard** for a **Fortune 50 Telecom client**, utilizing **React, Spring, and AWS**. This project enhanced user experience, scalability, and performance, significantly **boosting client service and operational efficiency**.
- Successfully **coached multiple cohorts of 50+ senior engineers** at two prominent clients: **Silicon Valley tech firm**, and **Workforce Management leaders** driving adoption of Gen AI. This strategic initiative **boosted developer productivity by 20%**, setting new standard for **efficiency in tech operations**.
- Played pivotal role in establishing McKinsey's **Gen AI Academy**, designed an advanced curriculum, and **led training for 500+ software engineers globally**. This initiative equipped professionals with cutting-edge AI skills and **promoted a culture of innovation** and **continuous learning**.

Software Engineering Intern

Pantsuit Professionals

📅 05/2021 - 07/2021   📍 New York, NY

- Developed a user **authentication module** for an **Android application using MVC** architecture, improving user interface and system security.
- **Employed SQL** for database interactions, enhancing data handling and application responsiveness.
- Utilized troubleshooting skills to identify and resolve issues during development, ensuring a **smooth user experience** and **system stability**.

Emerging Tech Intern

Deloitte

📅 05/2020 - 07/2020   📍 Mumbai, India

- Contributed to technical consulting projects by performing **comprehensive data analysis**, driving informed decision-making and innovative solution development.
- Engaged in **R&D for emerging technologies**, identifying opportunities to leverage new tools and systems for business growth.
- Analyzed technology trends to **enhance project proposals**, providing valuable insights and **recommendations for strategic planning.**

PROJECTS

Code Whisper

🔗 https://tinyurl.com/code-whisper

- **Developed a Visual Studio Code extension**, "Code Whisper," facilitating seamless interaction **with the OpenAI API** for software engineering queries.
- Implemented a **chat interface within the IDE using React**, enhancing developer productivity and **accessibility to AI assistance**.
- **Deployed the server** component on **Heroku**, ensuring **scalability and reliability**, integrated **Heroku Postgres SQL** for **robust data storage and management.**
- Incorporated **natural language processing (NLP)** techniques to **detect user action requests**, enabling the **automated execution of terminal commands** for task completion within the IDE environment.

Echovox

🔗 https://tinyurl.com/echo-vox

- Developed "Echovox," a **voice-activated personal assistant**, leveraging **Flask** for **rapid development and robust performance**.
- Implemented **speech recognition functionality** using the Speech Recognition library, enabling system to **accurately capture & interpret user speech input**.
- Implemented connectivity features to seamlessly i**ntegrate with Microsoft Outlook** and **Zoom** accounts, enabling **automated meeting scheduling.**

EDUCATION

B.S. Computer & Information Technology

Purdue University

📅 08/2018 - 05/2022   📍 West Lafayette, IN

- **Relevant Courses**: Object-Oriented Programming, Android Application Development, System Analysis and Design, Systems Programming, Technology Architecture, Database Programming, IT policy and Ethics, and Web Application Development

SKILLS

Frontend

Experienced in React.js, Next.js, Vue, JavaScript, TypeScript, CSS; Familiar with data visualization libraries (d3, Recharts), state management libraries (Redux)

Backend

Experienced in Node, Express, Hapi, Spring Boot, Java, Kotlin, Python, Pl/Sql, PostgreSQL, DynamoDB, GraphQL, and RESTful API, Perl, NLP

Tools

Experienced with Storybook, Cypress, Docker, GitHub, AWS Cloud Architecture, OAuth, Terraform, and OpenAI

Soft Skills

Cross-Functional team coordination, Technical communication, problem solving, Conflict resolution.

CERTIFICATION

Certified Solution Architect Associate (AWS)

Attained proficiency in architecting scalable and cost-effective solutions on AWS cloud infrastructure

Certified Cloud Practitioner (AWS)

Acquired foundational knowledge and understanding of AWS Cloud services and concepts

STRENGTHS

Full-Stack Development

Specializing in creating efficient and scalable applications with emphasis on user experience.

Innovative Technology Integration

Proven track record of integrating cutting-edge technologies like Gen AI and cloud solutions for project efficiency.

Collaborative Project Leadership

Skilled in orchestrating collaborative efforts to deliver robust client-facing applications and maintain efficient products.

Problem-Solving Skills

Strong ability to troubleshoot and resolve technical issues to ensure smooth user experience and system stability.