VIJAYA SANKARA NAGA SAI AKARSH JANA
Software Engineer
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SUMMARY:
Software Engineer with 2 years at Infosys, specializing in full-stack development with Java, JavaScript, PHP, Python, and C++. Delivered scalable applications, boosting processing speed by 40% using REST APIs and microservices. Led BookHarbor, an online marketplace built with Laravel and MySQL, enhancing user engagement. Skilled in Agile, automation, and cloud technologies, I'm driven to create efficient, user-centric software solutions.

SKILLS:

Programming Languages:	Java, C++, JavaScript, PHP, Python
Web Development:	HTML5, CSS3, AngularJS, ReactJS, Bootstrap, Flask, XML, UI/UX, Laravel
Databases:	MySQL, MongoDB, PostgreSQL
Tools:	Git, Eclipse, Postman, Jira, Visual Studio Code, Tableau, Power BI, Figma, Apache Tomcat, WordPress
Testing & Automation:	Selenium, JUnit, TestNG
Methodologies:	Agile, Scrum, DevOps, SDLC
API:	Rest API
IDE:	PyCharm, IntelliJ IDEA
Microsoft Tools:	Word, Excel, PowerPoint, OneNote, Outlook, Teams

EXPERIENCE:

Infosys Limited | Software Engineer   Dec 2021 – May 2023
- Optimized backend systems for the Digital Placement Process rollout, improving processing speed by 40% and enhancing user experience for over 15,000 clients.
- Developed scalable full-stack applications using Java, JavaScript, jQuery, HTML, CSS, and MySQL in an Agile environment, increasing system efficiency by 30%, leveraging REST APIs and microservices architecture to support over 10,000 concurrent users.
- Automated 100+ test cases with Selenium and Junit, leading to a 40% improvement in application reliability and functionality.

Infosys Limited | Software Engineer Intern   Sep 2021 – Dec 2021
- Designed a highly responsive e-commerce application leveraging Angular JS and Rest API, supporting over 1,000 active users daily enhanced user interface and functionality, resulting in positive feedback from 95% of initial testers.
- Built an e-commerce platform using Angular JS, reducing site load times by 30% and increasing user engagement by 25%.

Assert Tech Solutions | Software Development Intern   Jun 2019 – Jul 2019
- Implemented a music app with Android Studio and Java, leading to a 20% increase in user engagement and showcasing mobile app development skills.
- Integrated streaming capabilities and interactive playlist management, resulting in a 20% boost in user interaction.

ACADEMIC PROJECTS:

Book Harbor – Online Book Marketplace
Technologies: HTML, CSS, JavaScript, Bootstrap, PHP, MySQL, XAMPP, Laravel, Git (Version control).   Jan 2024 – May 2024
- Created an e-commerce platform for book enthusiasts featuring book listings, search functionality, a shopping cart, and secure payments, leading to a 40% increase in completed transactions and improved user satisfaction.
- Integrated features such as user-friendly interface, book listing, search functionality, shopping cart, secure online payment integrated with Razor pay and a streamlined checkout process, leading to 40% increase in sales conversion rate.

Fin Flow – Your Ultimate Financial Companion
Technologies: Java, Android Studio, News API, Rest API, Alpha Vantage API, Google Firebase.   Jan 2024 – May 2024
- Crafted an all-in-one financial management app, streamlining budgeting, stock monitoring, and bill payment reminders, reducing time spent on financial tasks by 50%.
- Engineered to streamline financial processes and eliminate the need for navigating multiple apps and platforms, resulting in a 50% reduction in time spent management finances.
- Executed the development of an intuitive interface and the integration of multiple financial functionalities into a single application, leading to a 50% increase in user productivity and efficiency.

E-Zone.com – Premier E-commerce Platform for High-Quality Tech Products
Technologies: HTML, CSS, JavaScript, PHP, XAMPP, MySQL, Git (Version Control).   Aug 2023 – Dec 2023
- Designed a comprehensive e-commerce platform offering tech products, with features that increased user interaction by 30%.
- Orchestrated user-friendly features such as product reviews, secure online shopping, personalized recommendations, and easy checkout options, resulting in a 30% uplift in user engagement.

EDUCATION:

University of Texas at Arlington | Arlington, Texas, USA   Aug 2023 – May 2025
Master of Science in Computer Science   GPA: 3.73/4.0
Relevant Courses: Design Analysis & Algorithms; Data Mining; Machine Learning; Software Engineering; Database Management.

SRM Institute of Science and Technology | Chennai, Tamil Nadu, India   Jul 2017 – Jun 2021
Bachelor of Technology in Computer Science and Engineering   GPA: 3.70/4.0
Relevant Courses: Object Oriented Programming (Java); Data Structures; Computer Networks; Database Management Systems; Machine Learning.

CERTIFICATIONS:
- Web Development with HTML, CSS, JavaScript – John Hopkins University (Mar 2024)
- PHP Web Development – Coursera (Jun 2021)
- Bootstrap 4 Front-End Frameworks – Coursera (Jan 2022)
- Networking & Security with VMware NSX – VMware (Sep 2020)