

Shashank Ramesh Kumar

Full Stack Developer

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Professional Summary:

Dynamic Full Stack Developer with over three years of comprehensive experience in building, deploying, and maintaining scalable web applications. Proficient in both front-end and back-end development, Proficient in HTML, CSS, and JavaScript frameworks such as React, Angular, and Vue.js, enabling the creation of responsive and interactive user interfaces. Experienced with server-side languages and frameworks including Node.js, Express.js, Python/Django, Ruby on Rails, and Java/Spring for robust application logic and server management with a proven track record of delivering high-quality, user-centric solutions. Adept at working in fast-paced environments and collaborating with cross-functional teams to achieve project goals.

Skills:

Frontend: React, Redux, jQuery, AJAX, XML, HTML5, CSS3, Bootstrap, Tailwind CSS, SASS, Styled Components, Material-UI, D3.js

Backend: Node.js, Express.js, Flask, Django, RESTful APIs, GraphQL, FastAPI

Databases: AWS S3, MySQL, MongoDB, PostgreSQL, Firebase, SQLite, Redis, DynamoDB

Programming Languages: Java, Python, JavaScript, TypeScript, HTML5, CSS3, C++, SQL, Ruby

Cloud Services: AWS (EC2, Lambda, S3, RDS), Azure (Functions, App Service), Google Cloud Platform

DevOps & CI/CD: Docker, Kubernetes, Jenkins, GitHub Actions, GitLab CI/CD, CircleCI, Terraform

Version Control & Code Management: Git, GitHub, Bitbucket, GitLab

Technologies: Excel, Power BI, NoSQL, REST APIs, GraphQL APIs, JWT Authentication, Agile/Scrum

Libraries & Frameworks: Pandas, NumPy, Matplotlib, Seaborn, Sci-kit learn, Keras, TensorFlow, PyTorch

Miscellaneous: VS Code, IntelliJ IDEA, WebStorm, Agile methodologies, Jira, Confluence, Slack

Education:

- **Master in Software Engineering** May 2024
Stevens Institute of Technology, Hoboken, New Jersey
- **Bachelors in Computer Science** Jun 2021
Vidya Vardhaka College of engineering, Mysore

Certification & Awards:

- **PCEP** – Certified Entry level Python
- **JSE** – Certified Entry-Level JavaScript Programmer
- **Coursera:** Front-End development by Meta
- Bravo Star for the Month Award Best Newcomer Award

Experience:

CDW Aug 2024 - Current

Full Stack Developer

- Build and maintain scalable web applications using modern frameworks like React, Next.js, and Express.js, enhancing user engagement and improving load times by 35% across projects.
- Create and optimize RESTful APIs, improving data retrieval efficiency and reducing response times by 25%, enabling seamless data handling for front-end features.
- Collaborate closely with designers and product teams in Agile sprints, managing tasks in Azure DevOps and utilizing GitLab for code versioning, contributing to a 20% increase in project turnaround time.
- Develop and manage SQL and NoSQL databases, including MySQL and DynamoDB, implementing optimized data structures and performing schema updates to increase query efficiency by 30%.
- Deploy and monitor applications on cloud platforms like AWS and Google Cloud, using tools like Docker and Kubernetes for container management, achieving zero-downtime deployments and supporting 1,500+ daily users.
- Automate CI/CD pipelines using GitHub Actions and Jenkins, reducing deployment time by 50% and improving code integration efficiency for faster releases.
- Perform rigorous testing with Mocha, Chai, and Selenium, achieving over 90% test coverage and ensuring high-quality code that reduces post-deployment bugs by 40%.

Trigent Software, India

Oct 2019 - Jul 2022

Full Stack Developer

- Developed and maintained dynamic web applications using React, Redux, and Node.js, enhancing the overall

performance and responsiveness by 35% through optimized code and asynchronous programming practices.

- Built and deployed RESTful APIs and GraphQL endpoints to streamline data exchange between frontend and backend, reducing data retrieval times by 40% for critical application features.
- Implemented user authentication and authorization using JWT and OAuth protocols, increasing application security and protecting sensitive client data for over 50,000 active users.
- Enhanced the UI/UX of applications with HTML5, CSS3, Bootstrap, and Tailwind CSS, resulting in a 25% improvement in user satisfaction scores based on feedback collected via in-app surveys.
- Automated deployment pipelines with Docker, Jenkins, and Kubernetes, reducing deployment times by 60% and facilitating faster, more reliable CI/CD processes.
- Conducted performance tuning and database optimization for MySQL and MongoDB databases, reducing query execution times by 50% and improving the scalability of applications handling high user loads.
- Collaborated closely with cross-functional teams in Agile/Scrum environments, ensuring timely delivery of 15+ project milestones and maintaining a 100% on-time project completion rate.

Full Stack Developer (Intern)

May 2019 – Sep 2019

- Collaborated with senior developers to build responsive and dynamic web applications using HTML5, CSS3, JavaScript, and React, enhancing front-end performance by 25% and improving user experience.
- Developed and maintained RESTful APIs with Node.js and Express.js, enabling efficient communication between the frontend and backend, and contributing to a 30% reduction in response times.
- Assisted in database design and optimization by implementing MySQL and MongoDB for data storage, achieving a 15% improvement in query performance through indexing and schema optimization.
- Participated in debugging and troubleshooting processes, resolving over 20+ front-end and back-end issues by utilizing Chrome DevTools, Postman, and VS Code.
- Implemented secure authentication and authorization features using JWT in collaboration with senior developers, enhancing application security and safeguarding user data.
- Worked with Git for version control, ensuring smooth collaboration across a team of 5 interns and reducing code conflicts by 20% through effective branch management and frequent code reviews.
- Contributed to UI/UX enhancements by integrating Bootstrap and jQuery plugins, reducing page load times by 10% and ensuring cross-browser compatibility across major browsers (Chrome, Firefox, Safari).

Academic Project:

Style-Hub: E-Commerce Fashion Platform

Mar 2024- May 2024

- Implemented user-friendly and responsive interfaces using React.js, ensuring seamless browsing and shopping experiences across various devices.
- Developed and optimized server-side logic with Node.js and Express.js, handling user authentication, product management, and order processing.
- Designed and optimized a relational database schema with PostgreSQL and integrated NoSQL database solutions like MongoDB for efficient data storage and retrieval.
- Created and maintained RESTful APIs for key functionalities such as product listings and shopping carts, and integrated third-party services for payment processing and shipping tracking.
- Implemented front-end and back-end performance enhancements, reducing page load times by 25% and optimizing server response times by 20%.
- Set up CI/CD pipelines using GitHub Actions to automate the build, test, and deployment processes, streamlining releases and reducing deployment time by 40%.