

Abhishek B K

Software Developer

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Portfolio <https://vkcoderanddesigner.netlify.app/>

A proactive, self-disciplined, organized, and dependable full-stack developer with 2 years of experience in the software industry. Successful at managing multiple priorities with a positive attitude and willingness to take on added responsibilities to meet team goals. Proficient in technologies such as Angular, Django, Python, Typescript, HTML, CSS, Docker, and Redis, with a track record of developing and deploying robust web applications. Committed to continuous learning and staying updated with the latest industry trends to drive innovation and deliver high-quality solutions.



Skills

- Angular | Typescript | Jasmine
- Django | Python | Pytest
- EMV 3DS
- Multithreading
- DevOps | Docker | Kubernetes
- Redis | SQLite3
- SonarQube
- HTML, CSS
- Git | Gitlab | GitHub | Fork | CI/CD
- Java
- Creative problem solving
- Mobaxterm, S3 Browser, DB Browser
- WebSocket, Rest APIs



Work History

**Jul 2022 -
Current**

Junior Software Developer

Fime India Private Limited, Bengaluru, India

Client/Project Name: 3DS Certification Platform

The 3DS Certification Platform is a specialized tool dedicated to testing and certifying payment gateways within the 3DS domain. Developed using Angular for the frontend and Django for backend, the platform ensures seamless communication between frontend and backend with WebSocket connections, Django channels, and REST APIs. Integration with Zato facilitates communication between tools, while data storage is managed using SQLite3, with frequent

backups to Amazon S3 and data caching with Redis. The application is integrated with CICD using GitLab. Frontend, backend, redis, sidecar, and initial services were encapsulated into Docker images and orchestrated across multiple pods within a Kubernetes cluster, ensuring streamlined management and scalable operations.

Role: Full-Stack Developer

Summary: Took an active role in the development, debugging, deployment, and maintenance of the critical web application, 3DS Certification Platform. Recognized for outstanding contributions with the Best Employee Award.

Key roles and Responsibilities:

- Led Django backend development initiatives, resolving bugs, introducing innovative features, and elevating code standards for improved system performance.
- Developed numerous significant features in the Angular framework, enhancing UI functionality, and ensuring seamless deployment by promptly addressing and fixing various bugs.
- Implemented optimization techniques resulting in a significant reduction in exporting logs processing time from one hour to 10 minutes, enhancing efficiency and productivity.
- Increased website performance by optimizing front-end and back-end code for faster loading times.
- Incorporated advanced Angular features including custom directives, services, and pipes to develop dynamic web applications that effectively met client requirements.
- Developed user-friendly web forms with validation and error handling.
- Optimized database queries for improved query execution times, ultimately enhancing application responsiveness.
- Discussed issues with team members to provide resolution and apply best practices.
- Enhanced software performance by identifying and fixing bugs through thorough testing and debugging processes.
- Provided technical mentorship to junior developers, fostering a collaborative learning environment within the team that encouraged professional growth for all members involved.
- Achieved a 15% increase in code coverage during a half sprint, showcasing a dedication to improving software quality and efficiency.
- Proactively led code and feature reviews for all team members tasks, promoting collaboration and ensuring the delivery of high-quality work.
- Played a key role in preparing images for release and contributed to deployment processes, ensuring smooth and efficient software releases.
- Actively contributed to PI demo sessions by presenting new features, effectively conveying the team's progress and fostering a shared understanding of project milestones.
- Provided assistance to team members in overcoming task obstacles.
- Developed reusable UI components utilizing Angular libraries to ensure code consistency across projects, while also streamlining development time and enhancing error handling capabilities.
- Acted as a team leader in group projects, delegating tasks and providing feedback.



Education

Bachelor of Engineering

Dr. Ambedkar Institute of Technology - Bengaluru, India



Personal Details

Date of Birth: 06/02/1997

Nationality: Indian

Marital Status: Single



Languages

English

◆◆◆◆◆
Bilingual or Proficient (C2)

Hindi

◆◆◆◆◆
Upper intermediate (B2)

Kannada

◆◆◆◆◆
Bilingual or Proficient (C2)



Certifications

- Mar 2023** Angular Training
- Jun 2022** Django Training
- Jan 2024** DevOps
- May 2023** Docker Essential Training



Personal projects

1. Weather application:

- Developed a dynamic live weather forecasting application utilizing Angular framework in conjunction with Rapid APIs.
- This innovative solution delivers real-time weather updates and forecasts, providing users with accurate and timely information.
- Project Live Link:** <https://weatherappvkcoderanddesigner.netlify.app/>

2. Student Dashboard management application:

- Crafted a comprehensive Student Dashboard Management application, facilitating the storage and display of student data within an organization
- Implemented robust login, registration, and password resetting pages enriched with reactive validation for enhanced user authentication.
- Leveraged Angular framework for the frontend interface, ensuring an intuitive user experience, while Django framework efficiently managed and stored backend data.
- GitLab Links:**
FE: <https://gitlab.com/Abhishekkumaragowda825/ReactiveValidationForm.git>
BE: <https://gitlab.com/Abhishekkumaragowda825/ReactiveValidationBE.git>