



Jay Prakash


 Tech Lead

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Summary

Experienced **full-stack engineer** with over **10 years** in software development, specializing in **cyber security**, **e-discovery**, **forensics**, **healthcare**, **e-logistics**, and **e-commerce** domains. Proficient in both **waterfall** and **agile/scrum methodologies**, with a strong background in **digital transformation** and **corporate strategy**. Adept at leading teams to achieve corporate goals through innovative and tactical initiatives. Expert in designing and implementing **scalable, high-performance systems** and driving digital transformation initiatives. Skilled in developing applications utilizing **AI** and **Generative AI** technologies, demonstrating a deep understanding of **machine learning models** and their practical applications to enhance system capabilities.

Skills

</> Programming Languages:

C#, Java, JavaScript, TypeScript

✉ Messaging and Services:

Service Bus, Kafka, RabbitMQ

📄 Query Languages:

SQL, NoSQL, LINQ

✂ CI/CD Tools:

Azure DevOps, Jenkins, GitLab CI

⚙ Web Frameworks:

ASP.NET, MVC, Next.js, Node.js, Express.js, Spring Boot

🔧 Design Principles:

SOLID, DRY, KISS, Design Patterns (Singleton, Factory, Observer)

🔗 JavaScript Libraries and Frameworks:

React.js, Angular.js, jQuery, Three.js

🔗 Version Control:

TFS, SVN, Git

🏗 Architectural Styles:

Microservices, Clean Architecture

📦 Containerization and Orchestration:

Docker, Kubernetes

📊 Data Access:

ADO.NET, Entity Framework, WCF, Hibernate

🌐 Networking and Performance:

CDN (Content Delivery Network), Load Balancer, Caching Mechanisms, mTLS

🔌 APIs and Web Services:

RESTful APIs, Web APIs, Web Services, Web Socket, GRPC, SOAP, WSDL, JSON, XML

☁ Cloud Platforms:

Microsoft Azure, AWS (Amazon Web Services), GCP (Google Cloud Platform), Relativity

✍ Markup and Styling:

HTML, CSS, Tailwind CSS, Bootstrap, Material UI

🤖 Machine Learning Frameworks:

TensorFlow, Apache Spark, LangChain, Azure ML Studio

📋 Development Methodologies:

TDD (Test-Driven Development), BDD (Behavior-Driven Development), SDLC

🤖 AI Models and Platforms:

ChatGPT 3.5 & 4, OpenAI, Generative AI, LLM, Prompt engineering, Robotic Process Automation (RPA)

🔗 Methodologies:

Agile/Scrum, Waterfall, Kanban, Lean

Awards

👑 Project Excellence Award - Rakuten (Aug 2024)

🏆 Employee of the Year - Deloitte (Apr 2023)

🏆 The MVP - Deloitte (Oct 2022)

★ Outstanding Award - Deloitte (Jul 2022)

🏆 Spot Award - Deloitte (Nov 2021)

★ Excellence in Work - Deloitte (Mar 2021)

Certifications

🌟 Microsoft Certified: AZ-900, AZ-104, AI-100

🌟 Cloud Computing: Cloud Security - CompTIA

🌟 Transitioning from Waterfall to Agile Project Management - PMI

🌟 Six Sigma Foundation - PMI

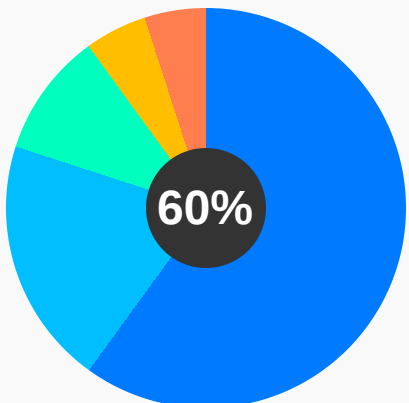
Education

Bachelor of Technology in Computer Science

🏫 Biju Patnaik University of Technology, Odisha

📅 2009 - 2013

Calendly



■ Coding 60% ■ Review 20% ■ Mentoring 10% ■ Training 5% ■ Scrum 5%

Experience

Rakuten - Tech Lead

📅 02/2024 - current 📍 Tokyo, Japan

- Developed the next-generation integration platform for internal applications, focusing on writing clean, efficient, and maintainable code.
- Optimized resource allocation by effectively prioritizing tasks based on business needs and project timelines.
- Collaborated with product managers to define technical requirements and develop innovative solutions for complex problems.
- Ensured seamless integration between front-end and back-end systems by coordinating closely with design teams during development phases.
- Accelerated deployment times with automation tools and streamlined release processes.
- Mentored junior developers in best coding practices, code optimization, and debugging techniques.
- Streamlined code review processes, improving overall code quality while reducing time spent on revisions.

Deloitte - Senior Lead Software Engineer

📅 12/2019 - 01/2024 📍 Hyderabad, India

- Delivered technical guidance and consultation with application teams, clients and developers for technology domain environments.
- Implemented and adopted cloud technologies and best practices for automation, configuration, monitoring, and platform scalability.
- Designed a scalable software architecture to accommodate future enhancements without compromising current functionality.
- Worked with product management and other stakeholders to understand and prioritize requirements and ensure that technical solutions aligned with business objectives.
- Implemented and developed applications using Generative AI, and Open AI to enhance productivity and quality.
- Mentor and coach team members to improve their technical skills and professional growth, while also developing and delivering technical training programs to ensure that team members have the skills they need to perform their roles effectively.
- Communicated project plans, tracking details, status updates, and risk mitigation plans to cross-functional team.

United Health Group -Senior Software Engineer

📅 09/2019 - 12/2019 📍 Hyderabad, India

- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.
- Rapidly prototyped new data processing capabilities to confirm integration feasibility into existing systems.
- Regularly reviewed peers' code contributions, offering constructive feedback to enhance overall product quality.
- Updated old code bases to modern development standards, improving functionality.
- Managed multiple projects simultaneously while maintaining strict deadlines and high-quality standards.

Seanergy Digital - Software Engineer

📅 06/2018 - 09/2019 📍 Hyderabad, India

- Responsible for creating Software prototyping and construction - Design, Build and Modify existing business-tier components, Web applications, and database objects.
- Developed end-to-end software solutions using the latest technologies.
- Comprehend functional requirements and develop the technical design, using standard patterns.
- Integrated new technologies into existing systems, increasing capabilities and improving overall performance.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs, and enhancements.
- Developed scalable and maintainable code, ensuring long-term stability of the software.

Brandpier - Dotnet Developer

📅 09/2016 - 05/2018 📍 Hyderabad, India

- Developed applications based on the requirements and was given POC for the e-commerce domain.
- Design and develop core functionality, implemented third-party services like Zoho, Wordline, Paypal, Stripe, DOKU, CardPe, PayU Money, atom, PesoPay, FedEx, e-delivery and many more.
- Execution of new technology in the project and assist other software personnel in handling project-related work and other requirements.
- Troubleshoot and resolve performance issues for databases and software.
- Effectively communicated progress updates at all stages of the project lifecycle, maintaining transparency among developers.

SureSoft - Associate Software Engineer

📅 06/2014 - 09/2016 📍 Hyderabad, India

- Developed diagrams to describe and lay out logical operational steps.
- Developed application modules and core functionality, wrote stored procedures, and wrote database queries.
- Collaborated with product owners to stay current on intended functionality.
- Optimized test cases to maximize the success of manual software testing.
- Tested troubleshooting methods and documented resolutions for inclusion in the knowledge base for support team use.