ADITYA S. DHAGE

aditya.s.dhage@gmail.com | Los Angeles, CA - 90018 | LinkedIn | GitHub | Portfolio

Experience

Hansen Technologies, Pune, MH, India   **August 2018 – November 2022**

Full Stack Software Developer   (*Total Experience - 4 Years and 4 Months*)

- Designed and Integrated robust telecommunications B2B software solutions for market giants, leveraging full-stack development capabilities in Java, Node.js, and React.js to deliver solutions across front and back-end environments
- Accumulated a deep understanding of developing reusable, maintainable, and modular code for cross-functional components with microservice architecture
- Overhauled a critical OSS Workflow UI micro-service with React.js, leading to superior user experience and system usability for clients
- Led development efforts to implement prototypes and proofs-of-concept, securing a 1-year product and service contract for the Sales team by showcasing advanced technical capabilities and innovative design
- Automated testing processes by building a micro-service with web-based reports, reducing manual setup efforts for the QA team by 15% and ensuring faster, more reliable deployment cycles
- Streamlined communication protocols across multiple OSS devices, improving code reusability and system management, leading to 87% coverage and seamless device integration with standardized low-level documentation
- Engineered a custom recursive library (JSR89 to JSR264 BSS translation) based on the Object Factory design pattern to integrate legacy systems with modern products, ensuring smooth system upgrades and completing 18% of all tasks
- Demonstrated proficiency in diagnosing and resolving critical production bugs, ensuring uninterrupted service delivery through proactive full-stack troubleshooting
- Invented a custom release strategy for Java and Node.js projects, leveraging CI/CD pipelines to streamline multi-platform delivery across AWS infrastructure
- Enhanced system reliability by 40% by implementing advanced error-handling mechanisms, compensation logic, and auto-correction workflows within intricate OSS provisioning services
- Spearheaded developing and managing CI/CD pipelines for two large-scale projects, utilizing AWS (S3, EC2, EKS), ensuring seamless integration and deployment of full-stack services across cloud infrastructure
- Collaborated with onsite teams to coordinate high-stakes live system testing windows, ensuring seamless project execution and effectively demonstrating strong communication skills
- Dedicated over four years to delivering diverse projects for telecommunications clients, utilizing critical thinking, creative problem-solving and teamwork to enhance operational efficiency and ensure client satisfaction

Achievements:
- Hansen Employee of the Month awards for - Focus and commitment, Exceeding Expectations and Dedication.
- Assessment Coordinator for employee on-boarding and Involvement in the Undergraduate Hiring Process (2021, 2022).

Education

University of Southern California, Los Angeles, CA   **January 2023 – December 2024**

Master of Science in Computer Science (MSCS)

Relevant Coursework: Analysis of Algorithms, Database Systems, Web Technologies, Multimedia Systems Design, Information Retrieval & Web Search Engines, Introduction to Human-Computer Interaction, Software Architectures

Savitribai Phule Pune University, Pune, MH, India   **August 2014 – June 2018**

Bachelor of Engineering in Computer Engineering (BE)   (*First Class With Distinction*)

Relevant Coursework: Fundamentals of Programming Languages, Data Structures & Problem Solving, Operating Systems, Object Oriented Multi-core Programming, Computer Organization, Theory of Computation, Data Management Systems, Concurrent & Distributed Programming, Computer Networks, Software Engineering, Software Design Methodologies, High-Performance Computing, Cloud Computing

Technical Skills

Programming	-	Java, JavaScript, Typescript, Data Structures, Algorithms
Web Technologies	-	Node.js, React.js, Next.js, Auth.js, Django, REST API, GraphQL, HTML, CSS, TailwindCSS
Scripting	-	Shell, Python
Databases	-	SQL, NoSQL, MongoDB, Oracle DB, PostgreSQL, Prisma ORM
Cloud	-	AWS(EKS, S3, EC2), GCP(App Engine, Compute Engine, Identity Service)
Miscellaneous	-	CICD, Jenkins, Docker, Kubernetes, Maven, Git, Figma, Agile and Waterfall Methodology