DEEPTHI PAMISETTY

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TECHNICAL SKILLS

Languages & Framework: JavaScript, Java, C#, React.js, SQL, HTML5, CSS3, Bootstrap, Spring Boot, Node.js, RESTful APIs, Hibernate, MVC, Redux.

Database: MySQL, Microsoft SQL Server, PostgreSQL, MongoDB, Oracle, Cassandra, Redis

Tools & Technology: AWS (EC2, S3, Lambda, RDS), Azure (App Services), Jenkins, GitHub Actions, Azure DevOps, JUnit, Mockito, OAuth2, JWT, Docker, Kubernetes, Maven.

WORK EXPERIENCE

Software Engineer, Commonwealth Bank of Australia   **Aug 2022 – Dec2022 | Bangalore, India**

- Built and managed cloud-based microservices with AWS (EC2, S3, Lambda, RDS), leveraging Jenkins and GitHub Actions to enhance deployment efficiency and reduce operational overhead.
- Deployed monitoring and alerting systems with Azure Monitor and Application Insights, achieving 99.9% uptime and reducing MTTR for production incidents.
- Automated CI/CD pipelines leveraging Azure DevOps, streamlining deployment workflows and minimizing manual intervention by 25%.
- Designed data solutions with MongoDB and Cassandra on PCF, enabling seamless processing of large-scale data for critical business operations.
- Developed scalable web applications using the MVC architecture and Hibernate ORM, ensuring efficient database interactions and clean separation of concerns across layers.

Software Engineer, SanDisk Pvt. Ltd.   **Nov 2018 — Jul 2022 | Bangalore, India**

- Engineered and maintained RESTful APIs with Java and Spring Boot, providing reliable data services and seamless integration across platforms for multiple client applications.
- Designed and developed responsive UI screens using HTML, CSS, and JavaScript, enhancing user experience and ensuring cross-browser compatibility.
- Built Single Page Applications (SPAs) with Angular 2, leveraging two-way data binding and nested views to deliver dynamic and interactive web interfaces.
- Refactored a legacy JavaScript codebase into TypeScript, reducing debugging time by 20% and improving developer onboarding through clearer and more predictable code structures.
- Leveraged Next.js ISR to optimize content updates and reduce server load, cutting operational costs by 35% for content-heavy applications.
- Designed a containerized infrastructure using Docker and orchestrated deployments with Kubernetes on AWS EC2, ensuring high availability and fault tolerance for mission-critical applications.
- Conducted end-to-end API testing using Postman, ensuring service reliability and minimizing deployment-related issues

ACADEMIC PROJECT

Smart Healthcare Appointment System   *React.js, Node.js, PostgreSQL, Azure, Docker*

- Delivered full stack solutions by integrating React.js for the frontend and Node.js/Spring Boot for the backend, leveraging PostgreSQL for database management.
- Integrated real-time notifications (SMS/email) and deployed securely on Azure using Docker and Kubernetes.

E-Commerce Platform with Product Recommendations   *Python, Django, AWS, TensorFlow, Kubernetes*

- Developed an AI-driven e-commerce platform with personalized product recommendations, increasing sales and user engagement by 20%.
- Deployed on AWS using Docker and Kubernetes, integrating payment gateways and secure role-based access control for scalability and data privacy.

EDUCATION

Masters in Computer Science - **University of Texas at Arlington**   **Jan 2023 – Dec 2024**

Bachelors in Computer Science and Engineering - GITAM University, India   **June 2014 – July 2018**