Aditya Milind Limbekar | Arlington Heights, IL

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Education

Master of Science in Computer Science,	*George Mason University (GPA: 3.93 / 4.00)*	**Aug 2022 - May 2024**
Bachelor of Engineering in Computer Science	*Visvesvaraya Technological University*	**Aug 2016 - Aug 2020**

Technical Skills

- **Programming Languages** : Java, J2EE, HTML, Python, C, CSS, SQL, JavaScript
- **Frameworks & Libraries**: Spring Boot, Spring MVC, Spring JPA, RESTful Web Services, Hibernate, Bootstrap
- **Databases**: MySQL, MongoDB, Oracle, SQL Server
- **Tools & Platforms**: GitHub, AWS (S3, EC2, RDS, Route 53), Postman, VS Code, Eclipse, Junit, Docker, Kubernetes, Jenkins, Maven, JSON

Work Experience

Changing the Present 　　　　　　　　　　　　　　　　　　　　　　　　　　**United States**
Software Engineer Intern 　　　　　　　　　　　　　　　　　　　　　　　　　*Aug 2024 - Present*

- Develop a mentorship platform on **Shopify**, integrating secure messaging and community features, to increase student-mentor interactions.
- Engineer **backend architecture** using **AWS (Lambda, RDS)**, optimizing performance for **9,000+ users** and reducing operational costs.
- Implemented seamless **frontend interfaces** by customizing **Shopify themes** using Liquid templating language, blending **HTML** with Liquid constructs to enhance usability for around **5,000** monthly visitors.
- Integrating a **3rd party filter and search app** available on Shopify, to improve search functionality and user experience for more efficient content discovery.

Cognizant Technology Solutions 　　　　　　　　　　　　　　　　　　　**Bangalore, KA, India**
Junior Software Engineer 　　　　　　　　　　　　　　　　　　　　　　　*Dec 2020 – July 2022*

- Developed **microservices** using **Spring Boot**, to improve application functionality and performance across multiple modules.
- Integrated **Hibernate ORM** with **relational databases** to optimize data access and management, improving query efficiency and consistency in high-performance applications.
- Optimized data handling with **Spring Data JPA** and custom repository methods, boosting processing efficiency for large datasets.
- Enhanced security of **REST APIs** by implementing **Spring Boot Security** and **JWT** for robust authentication and authorization.
- Improved **debugging** and data integrity with transactional **annotations** and **logging**, resolving **100+ issue**s and ensuring system stability.
- Reduced application downtime by leading backend on-call rotations with **ServiceNow**, providing critical support during peak periods and ensuring **24/7** availability through effective incident management.

Padmajeet Infotech 　　　　　　　　　　　　　　　　　　　　　　　　　　**Belgaum, KA, India**
Android Developer Intern 　　　　　　　　　　　　　　　　　　　　　　　*July 2019 – Oct 2019*

- Enhanced app performance by **30%** with **advanced debugging** and efficient data handling using Hibernate ORM, resulting in faster load times and smoother user interactions.
- Built backend components with **Apache Tomcat** and **Java**, ensuring smooth integration and effective data management.
- Improved app stability by enhancing **error handling** and **teamwork**, reducing crash rates and increasing user satisfaction through more reliable experiences.
- Accelerated development cycles by implementing **code reviews** and tools like **Postman** and **JUnit**, reducing average project completion time by 2 weeks.

Project Experience

Survey Form - DevOps project | *HTML, CSS, MySQL, Spring Boot, AWS, Docker, Jenkins, Kubernetes* 🐙 　　**Oct 2023 – Dec 2023**
- Dockerized a **web application** and orchestrated its deployment on **Kubernetes** for enhanced **scalability** and **resilience**.
- Developed **Spring Boot Microservices** for student survey data management, implementing **CRUD operations** on Amazon RDS (MySQL).
- Configured **Kubernetes Ingress** with **Nginx** for seamless DNS management and access to the application.
- Established a **CI/CD pipeline** using **Jenkins**, **Rancher**, and **AWS**, automating deployment with **GitHub** integration.

Smart City App | *XML, Java, Google Firebase, RESTful API, Postman, Google Places API* 🐙 　　**Feb 2020 – May 2020**
- Led the development of a smart city **Android app**, enabling residents to manage daily activities with real-time information, emergency services, utility management, and bill payments, reducing response times for critical services and enhancing overall user engagement.
- Integrated **RESTful APIs** and **Google Firebase**, ensuring reliable real-time utility updates and consistent app performance during peak times.
- Enhanced user experience with intuitive **UI/UX** design using **XML** and robust backend logic in **Java**, allowing seamless single-click logins via **Google** and **Facebook**.

Word Predictor - Java/DBMS Project | *Java, J2EE, SQL, MySQL, DBMS, JDBC, Apache Tomcat* 🐙 　　**Nov 2018 – Dec 2018**
- Developed an intelligent word prediction application using **advanced algorithms** and **data structures**, improving app responsiveness and accuracy of next-word predictions.
- Integrated **DBMS** for efficient data storage and retrieval, ensuring smooth performance and scalability
- Utilized **Tomcat** to implement **server-side components**, ensuring seamless communication between frontend and backend systems.