

**Software engineer** with over 2 years of experience in building scalable web applications, specializing in **Java**, **Spring Boot**, **SQL** and **AWS**. Skilled in designing efficient backend systems, developing **RESTful APIs**, automating workflows and optimizing database performance to enhance scalability and reduce operational overhead.

## TECHNICAL SKILLS

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- **Programming Languages** : Java, Python, C, JavaScript
- **Frontend** : HTML, CSS, Bootstrap
- **Frameworks & Libraries**: Spring Boot, Spring Data JPA, RESTful APIs, Hibernate
- **Databases**: MySQL, MongoDB, Microsoft SQL Server, PostgreSQL, AWS RDS, Google Firebase
- **Tools & Platforms**: Git, GitHub, AWS (Lambda, EC2, S3), Postman, JUnit, Docker, Kubernetes, Jenkins, Maven, Eclipse, Visual Studio, Asana, Shopify, Jupyter Notebook, Anaconda Navigator, Power BI

## WORK EXPERIENCE

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### **Software Engineer** | *Changing the Present, United States* **Aug 2024 - Present**

- Building web applications with **Shopify themes**, customizing **Liquid templates** and developing **REST APIs** for server-side communications, to ensure **95%+** user satisfaction and performance.
- Supervised decision-making on **feature development** and **system design**, to ensure optimal project execution.
- Automated mentor registration workflows using **JotForm**, reducing **70%** manual effort in backend workflows.
- Integrated **Google Sheets** and **Matrixify** to simplify data administration, subsequently establishing effective data imports, exports, and synchronization across **Shopify platform**.

### **Junior Software Engineer** | *Cognizant Technology Solutions, India* **Dec 2020 – July 2022**

- Refined **microservices**, using **Spring Boot** and **Hibernate ORM** which improved database efficiency, reduced query response time by **40%** and ensured seamless scalability for high-performance applications.
- Validated **REST APIs** using **Postman** to ensure seamless integration and minimize debugging time by **40%**.
- Executed **SQL**, **DQL**(Documentum Query Language) and **IAPI** scripts to perform data operations on **Documentum** and **Database** servers with **millions of records**.
- Mentored team in debugging and code fixes, reducing production bugs by **30%** and improving **code quality**.
- Coordinated with **cross-functional** teams across **multiple organizations**, to ensure **99% on-time delivery** of solutions while maintaining clear communication with **clients** and **application users**.
- Created and enhanced **technical documentations** to streamline knowledge sharing and ensure operational consistency, cutting the resolution time by **15 hours** per issue.

### **Android Developer Intern** | *Padmajeet Infotech, India* **July 2019 – Oct 2019**

- Crafted and optimized an **Android e-commerce app**, utilizing **XML layouts** and **Maven** for efficient project management and interface design.
- Designed backend components using **Java** and **Hibernate ORM** for seamless data management
- Applied **Agile methodologies** to perform testing using **Postman** and **JUnit**, reducing bug occurrences by **20%**.

## EDUCATION

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**Master of Science in Computer Science**, *George Mason University* **Aug 2022 - May 2024**

**Bachelor of Engineering in Computer Science**, *Visvesvaraya Technological University* **Aug 2016 - Aug 2020**

## PROJECTS

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### **Survey Form - DevOps project** | *HTML, CSS, MySQL, Spring Boot, AWS, Docker, Jenkins, Kubernetes*

- Automated **CI/CD** pipelines, deploying a **dockerized Spring Boot** web application on **Kubernetes** with **Jenkins** and **GitHub** integration, reducing deployment time by **40%** and improving backend scalability by **50%** using **AWS RDS** and **MySQL**.

### **Smart City App** | *XML, Java, Google Firebase, RESTful API, Postman, Google Places API*

- Led a team of 4 in developing a utility management **Android app**, integrating **Google Firebase** and **REST APIs** for real-time updates, enhancing user engagement by **25%** with a user-friendly UI featuring one-tap social media login.

### **Multilingual Sentiment Classification** | *Python, Jupyter Notebook, TensorFlow, Scikit-learn, Google sheets*

- Built a **multilingual dataset** (English, German, Spanish, Hindi) and **fine-tuned** BERT, RoBERTa, and XLNet models, enhancing precision and sensitivity in detecting depressive symptoms from social media text with improved accuracy and robust performance.