

Mahendra Kotapati

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SUMMARY

Full Stack Developer with **3 years of experience** in designing and developing web applications and RESTful APIs using **Java, Spring Boot**, Spring, Hibernate, JPA, **React.js**, Redux Toolkit, Next.js, HTML, CSS. Seeking full-time Full Stack Developer opportunities.

WORK EXPERIENCE

Full Stack Developer (Graduate Assistant), Texas Tech University Jan 2024 - Present

- Developed multiple web applications for Texas Tech University, utilized by over **40,000 students**. implemented RESTful APIs in **Spring Boot** and frontend in React.
 - Successfully migrated legacy web applications to Spring Boot and React from Grails Web Framework, resulting in a **60% increase of performance** and improved system efficiency and user experience.
- Technologies: **React.js, Spring Boot, Spring, Java, Hibernate, JPA, Redux Toolkit, Next.js, TypeScript, Oracle**

Full Stack Developer, BIK (bik.ai) April 2021 - July 2023

- Developed a wallet system enabling customers to recharge and use wallet credits for purchases on the merchant's e-commerce platform, contributing to a **15% increase in repeat purchases**.
 - Revamped legacy payment APIs to make it a generic interface for different kinds of payment gateways such as Razorpay and Paytm. And **reduced payment failures by 30%** by adding a retry mechanism to sustain transaction failures.
 - Developed catalog page for Ecommerce Websites with Product listing and filters to improve product discovery process.
 - Created a **no-code website builder** that allows even non-technical users to create custom themes and landing pages for e-commerce websites quickly and easily, **reducing code development time by 50%**
 - Designed and implemented **custom roles and access permissions** for the CRM dashboard to enhance security of the system
 - Developed user and team management systems to onboard the clients and their agents.
 - Created snooze chat feature which uses a **Message Queue** to temporarily stop notifications until a user-specified time.
- Technologies: **React.js, Spring Boot, Spring, Java, Hibernate, JPA, Redux Toolkit, Next.js, HTML, CSS, TypeScript, PostgreSQL**

TECHNICAL SKILLS

- Frontend:** React.js, Redux Toolkit, Node.js, HTML, CSS, Bootstrap, Next.js, Angular, GraphQL
- Backend:** Java, Spring Boot, Spring, Hibernate, JPA, Node.js, TypeScript
- Databases:** PostgreSQL, Oracle, Google Firebase (NoSQL)
- Data Structures and Algorithms
- Programming Languages:** Java, Javascript, C, C++, C#, Python, TypeScript
- Other Technologies:** Amazon AWS cloud, Docker, Object-Oriented Programming, SQL, Git, Styled-components, Maven, Django, Agile, Scrum

PROJECTS

Ecommerce Website: (Skills: **Python, Django framework, HTML, CSS, Bootstrap**)

Developed a fully functional Ecommerce Website, with login authentication using Google and Facebook OAuth2. On the site users can add or remove the products to their cart and update the product quantity, finally checkout and confirm the order. [\[project link\]](#) [\[code link\]](#)

ASKHere: (Skills: **Python, Django framework, HTML, CSS, Bootstrap**)

Developed a question and answers platform to post questions and get answers from different users, one can also answer questions, which in turn helps to share and gain knowledge. This web app also includes login authentication and authorization, and users can also filter questions based on the topic. [\[project link\]](#) [\[code link\]](#)

EDUCATION

Master of Science in Computer Science, Texas Tech University, Lubbock, Texas Aug 2023 - May 2025 (Expected)

Bachelor of Technology in Computer Science and Engineering, GVPCE(A), India July 2017 - July 2021

ACHIEVEMENTS & CERTIFICATIONS

- 6 star coder at HackerRank
- Solved 400+ DSA problems in GeeksForGeeks
- Certified Data Structure & Algorithms Programmer by CodeChef
- Certified in Problem Solving (Intermediate) by HackerRank
- Coding Profiles: [HackerRank](#), [GeeksForGeeks](#), [LeetCode](#)