Anirudh Thakur

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EDUCATION

The University of Texas at Dallas (UTD), M.S. in Computer Science (GPA: 3.91)   Aug 2021 - May 2023
Sri Ramaswamy Memorial University (SRM), B.Tech Computer Science (GPA: 8.81)   Jul 2013 - Jun 2017

SKILLS

- Languages: Python, JavaScript, Java, SQL, C#, TypeScript, PHP, HTML, CSS, Bash
- Databases: Oracle DB, MySQL, PostgreSQL, Redis, MongoDB, HDFS, Hive, Hadoop, PySpark, Elastic Search, DB2, Cassandra, MariaDB, Firebase.
- Cloud: EC2(AWS), S3(AWS), SQS(AWS), Amazon Cloud Watch, Amazon Lambda, Amazon Isengard.
- Frameworks: React, Node, Spring, SpringBoot, Hibernate,Flask,Maven
- Tools: GIT, Bitbucket, JIRA, CI/CD pipeline, Jenkins, Maven, JUnit, Webservices, SOAP, PostMan, Elastic Search, Cabana, Docker, Kubernetes, Webpack.

EXPERIENCE

Software Engineer Intern | Amazon(AWS) | Seattle,Washington,US   Aug 2022 - Dec 2022
- Automated the current firmware deployment system for AWS servers using python, bash script.
- Improved the firmware deployment time by 75% and enabled tracking by autogenerating tickets using rest API, reducing the resolution time by 15%.
- Worked closely with the design team to implement responsive designs and improve user experience for the firmware deployment using React.js, Express.js, HTML, CSS and JavaScript.

Software Engineer Intern | Copart | Dallas, Texas,US   May 2022 - Aug 2022
- Developed Robust and resilient event-driven billing and payment system using SpringBoot, Hibernate and SQL.
- Collaborated with cross-functional teams to enable users to easily view and manage various charges from vendors across the US, Europe and Canada in an agile environment, improving bill processing by 3 times.
- Implemented the backend for a back-office application handling owner retain using Micro-service based architecture using Java, Rest API, Maven.

Software Engineer | Tata Consultancy Services | Gurgaon, India   Aug 2017 - July 2021
- Created backend APIs for the system using SpringBoot to fetch relevant data for training the model for a Fraud detection system which detected 172% more fraud detection saving clients' money.
- Implemented a ReactJS-based framework for existing and future modules for back office applications for bank employees, resulting in increased customer satisfaction measured through their feedback forms.
- Formulated over 120 JUnit test cases to validate our changes that had 92% of code coverage, fixing ongoing bugs in the code, and improving the current system's performance by 32%.

PROJECTS

Cover Letter Creator (Chrome Extension)   Mar 2023 - Apr 2023
- Designed and developed a free Chrome extension that generates personalized cover letters using chatGPT/Copy.ai
- Created a simple, user-friendly interface with customizable fields for expertise, job description, and resume details using Next.js, Express.js, HTML, CSS and TypeScript.

The Vintage Market (Web App)   Dec 2022 - Feb 2023
- Designed and developed an e-commerce platform for a used clothing shop using SpringBoot and React.
- Implemented features such as product browsing, searching, purchasing, and secure checkout, with a responsive user interface.
- Integrated with payment gateways, implemented user authentication, provided a backend administration panel, conducted thorough testing, and collaborated with UX/UI designers for a complete e-commerce solution using MySQL, Bootstrap, REST APIs, SpringBoot, React.

Personal Assistant AI (GitHub)   Dec 2020 - Feb 2021
- Designed and implemented the entire interface to interpret verbal commands in terms of queries.
- Implemented a predictor using Word2Vec to retrieve the context of the word to estimate user intent
- Processed incoming data to perform tasks like searching Wikipedia, performing calculations, sending messages/emails using Python, Word2Vec, NLTK, Flask, HTML/CSS.