Chandan Kumar R

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WORK EXPERIENCE

Tata Consultancy Services   **Aug. 2021 – Present**
Full Stack Developer   *Bengaluru, KA*

- Developed and customized **front-end** components of a banking product known as **TCS BaNCS**, tailoring UI to meet client-specific requirements.
- Designed and implemented **microservices architecture** using Spring Boot, orchestrating the deployment and development of **REST API** endpoints and integrating the same into web applications.
- Followed a **Test Driven Development** approach, meticulously crafting unit test cases for all the user stories and employing automated test suites for robust regression testing, ensuring the reliability and stability of the software throughout development cycles.
- Responsible for writing **well-documented, efficient, and maintainable code**.
- Independently designed, developed, and deployed a **multifunctional tool** consolidating disparate manual processes into an intuitive, one-click solution, optimizing workflow efficiency across development, DevOps, and QA teams. Leveraged Java and Spring Boot for robust backend architecture and integrated React.js and Bootstrap for seamless frontend functionality.

EDUCATION

Vishveshwaraya Technological University (VTU)   **Aug 2021**
Bachelor of Engineering, Information Science Engineering   SGPA 7.98   *Bengaluru, KA*

M.E.S Kishore Kendra PU College   **Apr 2017**
Class 12, PCMB   66.83%   *Bengaluru, KA*

Widia Poorna Prajna School   **Mar 2015**
Class 10, SSLC   92.16%   *Bengaluru, KA*

SKILLS

Frontend: HTML, JavaScript, ReactJs, NextJs, CSS, MUI, Bootstrap, DevTools, Jest
Backend: Java, Spring Boot, Hibernate, JUnit, Selenium, Rest APIs, GraphQL, NodeJs, SQL, MongoDB
Other Tools & Technologies: Git, Bash, Docker, AWS EC2, Networking, Data Structures and Algorithms

PROJECTS

- **Portfolio:** A site built to present my profile interactively. Built using NextJs and deployed in GitHub pages.
- **Dev Tools**: A prototype version of the multi-functional tool later developed into an improved and custom-tailored version implemented in my workplace. This automates several manual processes to a single click action and saves time.
- **Skin Cancer Detection** (B.E.)**:** A machine learning project that predicts if the skin is affected by Melanoma a form of skin cancer using a model trained and developed using thousands of melanoma-affected skin images.
- **Auction_24x7** (B.E.)**:** Auction site for people to post ads to sell items and buyers to bid on them.
- **Savings and Expense Management** (B.E.)**:** Household savings and expenditure management systems allow every household to track their savings, and expenses, create a budget, and manage them.

- ★ All of the projects mentioned above are hosted online, please visit chan101.github.io/portfolio/ to experience my portfolio site and also view projects hosted on AWS EC2 instance.