

Chandan Kumar R

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WORK EXPERIENCE

Tata Consultancy Services Limited

Full Stack Developer

Aug. 2021 – Present

Bengaluru, KA

- ★ **TCS BaNCS** is a core banking software suite developed by Tata Consultancy Services for use by retail banks. With over **447 customers** BaNCS has an estimated **2.49%** of the global market share for Banking.
- Participated in the conception, design, development, implementation, and deployment of web-based user interface systems.
- Developed and customized **front-end** components of the banking product, tailoring UI to meet client-specific requirements.
- Designed and implemented **microservices architecture**, orchestrating the deployment and development of **REST API** endpoints using Spring Boot and integrating the same into web applications.
- Contributed to the development and implementation of the **Single Sign On (SSO)** authentication mechanism to the existing framework.
- 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.

Suraksha Constructions

Web Developer Intern

Mar. 2021 – Jul 2021

Bengaluru, KA

- ★ Suraksha Constructions is a business that specializes in Interior Design, Architecture, Building Contracts, and much more.
- Direct involvement in elements of design, development, and maintenance of the website.
- **Building Websites** and applications by writing code in HTML, JS, CSS, and ReactJS.
- Assisted the senior developer in all aspects of development.
- Contributed to the creation of a **remote GIT repository** for version control.

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

EDUCATION

Vishveshwaraya Technological University (VTU)

Bachelor of Engineering, Information Science Engineering SGPA 7.98

Aug 2021

Bengaluru, KA

M.E.S Kishore Kendra PU College

Class 12, PCMB 66.83%

Apr 2017

Bengaluru, KA

Widia Poorna Prajna School

Class 10, SSLC 92.16%

Mar 2015

Bengaluru, KA

PROJECTS

★ Personal Projects:

- **Portfolio:** A site built to present my profile interactively. Built using ReactJs and 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.
- **Home Media Server** (WIP): A customized web application that serves user's DRM-free media content on their local area network.

★ College Projects:

- **Skin Cancer Detection:** 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 images of thousands of melanoma-affected skin.
- **Auction_24x7:** Auction site for people to post ads to sell items and buyers to bid on them.
- **Savings and Expense Management:** 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.