

Ranjan Kumar

Bachelor of Technology

Silicon University, Bhubaneswar

Portfolio - <https://ranjan3440.github.io/Ranjan.github.io/>

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🔗 [Ranjan3440](#)

🌐 [Ranjan Kumar](#)

EDUCATION

-Silicon University, Bhubaneswar

Bachelor of Technology in Computer Science and Technology

2021-25

CGPA: 8.44

-St.Mary's English High School, Bistupur – Senior Secondary

Central Board of Secondary Education(C.B.S.E)

2020

Percentage: 75

-St.Mary's English High School, Bistupur - Matriculation

Central Board of Secondary Education(C.B.S.E)

2018

Percentage: 76.2

PERSONAL PROJECTS

-E-Commerce (Homeify)

A clone of Furniture website named Pepperfry was implemented

- Web Technologies: Reactjs, Node js, Bootstrap css, HTML
- Front-End Development: JavaScript framework(React), Chakra UI
- Backend-End Development: Server-side scripting technologies (Node.js, Express.js) Database management(MongoDB) and integration.
- Version Control: Git and Github for collaborative development and version control

-B-Donate (Blood Donation Site)

- Designed a user- friendly blood donation site for donors and recipients to register,login and manage their Profile.
- Frontend :HTML , CSS , Bootstrap & JavaScript,
- Integrated real-time data storage and retrieval using JSON for efficient management of Data.

- Cloud Infrastructure Architect:

-Designed and Implemented Scalable Web Server and Database Environment with Load Balancing, Auto-Scaling, and SSL Configuration on AWS

- Configured a webserver and database server with proper load balancing autoscaling and SSL configuration.
- Mounted S3 bucket as a drive on windows ,linux ,redhat etc.
- Configured IAM roles to establish cross-account access between AWS accounts.
- Implemented Auto Scaling Groups to Dynamically Adjust Web Server Capacity Based on Traffic

EXPERIENCE

-Internship in Mern Stack

preplabs

May 2023 - Present

Remote

- Led the development of a Pepperfry website clone using MERN stack, overseeing millions of lines of code and contributing to over 200 commits in the repository.

Live Link - [Homeify](#) Repo Link - [://github.homeify](#)

- Internship AWS Masters

Ingenious Tech

Jul 2023 - Aug 2023

Hybrid

- Worked on various AWS platform such as EC2,S3 Bucket, IAM role.
- Mounted S3 Bucket as a drive in both Linux and Windows, Implemented MFA delete and versioning.

TECHNICAL SKILLS AND INTEREST

Languages Known: Python, Java, Javascript, C++,C

Web Dev Tools : Bootstrap , ReactJs, Node js ,Express js HTML,CSS

Frameworks: Microsoft Cognitive Toolkit ,ReactJs

Cloud/Databases: Ec2, S3 ,Ebs, Mongo Db, Athena, RedShift, Oracle

Tools: VScode, Git, Github,Linux

Areas of Interest: Web Development, Cloud Architect.

Soft Skills: Creativity, Critical Thinking, Communication, Problem Solving, Presentation.

ACHIEVEMENTS

- Qualified for top 10 teams in Vikalp website development organized by Student Innovation and Promotion Cell.
- Contribution in open source platforms such as LeetCode, CodeChef, Kaggle, Jenkins, Ansible.
- Selected as a contributor in Girl Script Summer Of Code 2024 Team