Ranjan Kumar
Bachelor of Technology

Silicon University, Bhubaneswar
Portfolio -kumarranjan.netlify.app

✉ ojranjankr@gmail.com
○ Ranjan3440
in Ranjan Kumar

EDUCATION

- **Silicon University, Bhubaneswar** — *2021-25*
  Bachelor of Technology in Computer Science and Technology — CGPA: 8.44

- **St.Mary's English High School, Bistupur – Senior Secondary** — *2020*
  Central Board of Secondary Education(C.B.S.E) — Percentage: 75

- **St.Mary's English High School, Bistupur - Matriculation** — *2018*
  Central Board of Secondary Education(C.B.S.E) — 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** — *May 2023 - Present*
  preplabs — 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** — *Jul 2023 - Aug 2023*
  Ingenious Tech — 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
- Secured 4 star in HackerRank