

CHANDAN K KORTEKAR

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PROFILE SUMMARY

Engineer aiming to leverage digital strategies and innovative solutions for capital projects, with a focus on solving real-world problems through technology.

EDUCATION

- **B - Tech in COMPUTER SCIENCE**

R R Institute of Technology affiliated with VTU | August 2019 - May 2023 | 8 CGPA .

- **PU (12 th)**

Sri Siddaganga PU College - Davangere | March 2018 - March 2019 | 80% .

- **10 th**

Trishul High school - Davangere | March 2016 - March 2017 | 93% .

TECHNICAL SKILLS

- Programming Language : **Java** , Data Structures and Algorithms , C (Basics) .
- Frontend : HTML , CSS , Javascript.
- Backend : **SpringBoot** , JPA / Hibernate , REST Api's
- Database : **PostgreSQL** , MySQL (Basics) .
- CI / CD : Jenkins
- Version Control : **Git** , **GitLab** , Github.
- Iac tool : **Terraform**
- Cloud : **GCP** (Google Cloud Platform) .
- Containerization : Docker.
- Operating System : Windows , **Mac** , Linux(cent OS , Debian 10) .
- Other Tools : **Postman** , **Intelij** , VS code.

CERTIFICATES

- HackerRank : Java , Python , MySQL , JavaScript certified.
 - Great-Learning : React , AWS (Basic) certified.
- LINK : [Click_here](#)

WORK EXPERIENCE

SOFTWARE ENGINEER | Niketana.

Jan 2024 – Present

Backend Development:

- Designed and developed **RESTful APIs** using **Spring Boot**, including business logic, data persistence, and error handling.
- Utilized **JPA** and **Hibernate** for database interaction.
- Employed **PostgreSQL** for database management.

CI/CD:

- Configured **Jenkins** for **CI/CD**, automating builds, tests, and **Docker** image creation.
- Implemented a Jenkins pipeline job to automatically create a complete Jenkins instance along with jobs and credentials, eliminating manual setup and reducing maintenance costs.
- Created **automated deployment** scripts to deploy applications to **GKE**.
- Monitored and optimized **CI/CD pipelines** to ensure efficient and reliable delivery.

Containerization and Orchestration:

- **Dockerized applications** for consistent deployment across environments.
- Deployed and managed applications on **Google Kubernetes Engine (GKE)** for scalability and resilience.
- Used **Terraform** to manage all **GCP** resources, including instances and **CDNs**, ensuring consistent and reproducible infrastructure deployments.

Achievements:

- **Reduced deployment time** by approximately 80% through automation.
- Improved application **scalability** and reliability by deploying on GKE.
- Enhanced code quality and maintainability with comprehensive **unit testing**.
- **Reduced maintenance costs and time required** for setup by automating the creation of Jenkins instances and jobs, leading to more efficient resource management and cost savings.
- Successfully managed all infrastructure changes through Terraform, ensuring consistent and **reproducible deployments**.

ASSOCIATE ENGINEER TRAINEE | Parvam Consul Tech Pvt Lmt

May 2023 – Aug 2023

Frontend Development:

- Developed responsive UIs using **HTML, CSS, Bootstrap**, and **JavaScript**, ensuring cross-browser compatibility and mobile responsiveness.
- Integrated frontend and backend systems, converting Figma designs to code with **HTML, CSS, JavaScript, JSON, MySQL, Bootstrap**.
- Designed websites using **Figma** and maintained content on **WordPress**.

Project Management:

- Employed **AGILE methodologies** for project management, participating in sprint planning and daily stand-ups.
- Used **Git** and **GitHub** for **version control** and collaboration.
- Collaborated with cross-functional teams to define, design, and ship new features.

INTERNSHIPS

- Karunadu Technologies [Sep - Oct 2022].
- Flipkart Launchpad Program [Aug - Nov 2021].

OTHER PROJECTS

1. OWN PORTFOLIO.

- Built a comprehensive website using HTML5, CSS3, JavaScript, Bootstrap, React, and MySQL.
- Designed an attractive layout with Figma, Photoshop, Illustrator, and Material UI, focusing on showcasing key information and projects.
- Integrated social media links to enhance visitor interaction and connectivity.
- Link : [Click Here](#) .

2. Library Management system.

- Developed CRUD functionality in Java for efficient user management.
- Utilized OOPS, arrays, loops to manage data.
- Highlighted commitment to digital transformation in the library.
- Implemented features for adding , deleting and updating product details including copies, Names, author details.

3. Hotel Website. (Parvam Project).

- Successfully translated Figma design into a functional and responsive website.
- Implemented a mobile-friendly design using Bootstrap to ensure compatibility across various devices.
- Utilized JavaScript to create interactive elements such as image sliders, modals, and dynamic forms.
- Link : [Click here](#) .

4. Other Projects and links

- Simple To-Do List : [Click here](#) .
 - Calculator : [Click here](#) .
 - Registration Form : [Click here](#) .
 - Java Question : [Click here](#) .
 - Sorting in JS : [Click here](#) .
 - HTML canvas work : [Click here](#) .
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