

VISHAL KUMAR PATEL

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Summary

Seeking a beginner role at IT company to enhance & explore my technical knowledge gained during CDAC course in Advanced Computing. Offers strong interpersonal & communication skills. Adept at collaborating with cross-functional teams to produce software designs while ensuring compliance with the company's policies & procedures.

Education

Institution	Course	%	Year
CDAC, Pune	Post Graduate Diploma in Advanced Computing (PG-DAC)	65.125%	Sept'22 - Mar'23
R.C.E.T., Bhilai	B.E. (Mechanical)	73.57%	2013 - 2017
M.G.M., Bhilai	HSC (Class XII)	79.60%	2012 - 2013
M.G.M., Bhilai	SSC (Class X)	8.8 (CGPA)	2010 - 2011

Work Experience

Assistant Loco Pilot (Indian Railways)

Dec'20 - Sept'22

- Worked in Freight trains on given routes between stations with utmost regard for safety.
- Adhered to all transit rules and regulations, with a perfect safety record.
- Performed visual inspection of trains prior to departure & communicated concerns to the Chief Controller.
- Monitored all aspects for train's operation including speed, air pressure, braking as well as track signals & switches/relays.
- Handled problems relating to train function, or travel difficulties with a level head and a calm attitude.

Technical Skills

Full Stack Web Development, **Agile** Methodology

Programming Languages – **Java**, C#, JavaScript

Also familiar with – C, C++, **React JS**, .NET Framework, Git, Docker, Jira

Databases - **MySQL**, MongoDB

Softwares - AutoCAD, Creo, Ansys

Projects

Agri-Market

Feb'23 - Mar'23

- Project is built on the **Micro-services Architecture** using **Scrum** Methodology.
- Evaluated project requirements, identified challenges and proposed alternatives using research and data.
- Designed a database, built **REST APIs** for various use cases, tested them using J-unit testing, & used **JSX** to generate web pages as part of the work on the full Admin user flow.
- Portal is exclusively created for farmers, where they can sell their goods, purchase equipment from vendors, and receive professional guidance in the form of blogs from agriculturalists.
- In Buying functionality, any user can browse & search products & buy a product after adding it into cart.
- In Selling functionality, Farmer & Vendor can list a product after mentioning the necessary details.
- In Blogging functionality, a certified agriculturalist can write blogs helping farmers to improve their agricultural practices.

Technologies/Languages: MySQL, MongoDB, Spring-Boot, React-JS, Node-JS, Spring Gateway, Eureka Server, AWS, Jira, Git

Training

Apprenticeship Training in SAIL, Bhilai Steel Plant (B.S.P)

2018

- Learned how to operate crane efficiently with utmost safety of workers.
- Performed safety inspection of crane, heavy equipment, wire rope, hooks, lubrication & minor maintenance.

Certifications

• Certified by AUTODESK in AutoCAD Software

2016

- Learned basic AutoCAD commands & their applications to solve drafting & design problems.
- Completed assignments of drawing & dimensioning, applying constraints, insert text & blocks on 2D & 3D models.
- Generated drafting views of the model using CAD standards.

• Certified by PTC University in CREO for Design Engineers (CREO 2.0)

2016

- Learned basic CREO tools such as Extrude, Revolve, Sweep, Draft, Fillet, Chamfer, etc to create 3D models.
- Learned to create drawings, projections & drafting of the models.
- Learned how to assemble & apply constraints to different parts & components.

• Certified by ANSYS in ANSYS 14.0 Fundamentals and Advance

2016

- Learned how to Effectively perform static structural Analysis in 1-D, 2-D & 3-D using Ansys Workbench.
- Learned how to generate good meshes for the Finite Element Analysis (FEA).
- Learned how to Effectively perform Thermal Analysis & Thermo-Structural Analysis using Ansys Workbench.

Extracurricular Activities

- Participated in Chess Competition and Cricket Tournament in College Fest.