

Khushwant Parihar

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EXPERIENCE

FIS Global

June 2022 – Present

IT trainee - Software Engineer Testing

Remote

- Spearheaded automation of a manual task, reducing completion time from 4-5 hours to 1-2 minutes, boosting efficiency.
- Excel VBA expert, enabling seamless report delivery from Excel files, streamlining communication and reporting.
- Ensured user-friendly, accessible products through mastery of accessibility standards, promoting inclusivity and satisfaction.

Kalyani Strategic [Bharat Forge]

Feb. 2021 – Oct. 2021

Research and Development Intern

Pune , India

- Developed a predictive maintenance product with a real-time dashboard using Node.js, Express, and PostgreSQL.
- Trained and deployed an anomaly detection model on ARM, enhancing system efficiency and reliability.
- Engineered an automated oxygen delivery device for COVID-19 patients, designing UI/UX for small-sized screens and integrating code within Arduino for a functional prototype.

Chegg Inc

March 2021 – Aug 2021

Managed Network Expert - Freelancer

Remote

- Addressed 50+ student questions, providing valuable guidance and assistance.
- Showcased problem-solving skills, and commitment to knowledge sharing as a freelance expert.

PROJECTS

Project-Sanjeevani

- Smart Oxygen Delivery System designed specifically for Covid-19 patients. Developed intuitive UI/UX for product.
- Integrated Arduino code, created a functional prototype for Smart Oxygen Delivery System to support Covid-19 patient care.

Project-LIMHA

- Automated maintenance system for machinery. Developed a user-friendly real-time dashboard.
- Integrated data sources in Limha's dashboard. Trained anomaly detection models for real-time analysis.

Github PortFolio

- Developed visualization project using Gatsby.js, Auth0, and Github API for data-driven insights.
- Integrated Fusion Charts, Auth0 authentication, and Netlify deployment for personalized Github data exploration.

EDUCATION

Chandigarh University

June 2018 – May 2022

Bachelor of Education in Computer Science and Engineering

Mohali, Punjab

- **Coursework:** Data Structures, Algorithms, Databases, Computer Systems, Machine Learning

SKILLS

Languages : C++ , Python, JavaScript (React.js), HTML/CSS, PostgreSQL, NodeJs, ExpressJS

Tools : VS Code, GitHub, Netlify, Strapi, Jira

Skills : Automation , Accessibility testing , Backend Development , Prompt Engineering