

Khemraul

Stamp 2 | Masters AI Student at DCU | Data Engineer | EX-ICICI Lombard | Python, Microsoft Azure, Javascript, React.js, Node.js

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SUMMARY

Currently pursuing a Master's in Computing with a specialization in Artificial Intelligence at DCU. I am an experienced Data Engineer with 4+ years in software development and deployment, proficient in both frontend and backend technologies. My technical skill set includes Python, React.js, Node.js, JavaScript, and TypeScript, along with expertise in Microsoft Azure for cloud deployments and GitHub Actions for CI/CD pipelines. I am passionate about leveraging innovative technologies to deliver high-impact results and continually enhance software delivery processes. Eager to contribute and grow in the dynamic field of AI and software engineering.

EXPERIENCE

Data Engineer

ICICI Lombard

📅 2022-2024📍 Dadar, Mumbai

Responsible for developing and deploying SPA and desktop applications

- 👉 Designed and implemented a SPA applications and APIs for the internal teams.
- 👉 Integration of third-party APIs and implementation of integration of websites made by our team into publicly available android apps.
- 👉 Collaborated with internal business teams to understand their requirements and performed automation which increased product functionality by 50%.

Software Engineer

iConnect Info Solutions Pvt. Ltd.

📅 2021-2022📍 Airoli, Mumbai

Responsible for developing and deploying web apps using react.js and node.js

- 👉 Ability to translate Wireframes and PSD Designs into functional web apps using HTML5, React , Node.js, and MSSQL and binding of UI elements to JavaScript object models
- 👉 Creating RESTful services with Node.js
- 👉 Work in a cross-functional team to deliver a complete user experience
- 👉 Create Unit and Integration tests to ensure the quality of code
- 👉 Be responsive to change requests and feature requests and write code that is cross-platform and cross-device compatible
- 👉 Ability to wear many hats and learn new technologies quickly

Software Developer

Zeki Software Solutions Pvt. Ltd.

📅 2020-2021📍 Andheri, Mumbai

Responsible for developing and debugging websites using Java(struts), Javascript, Bootstrap

- 👉 Developed a highly customizable, risk assessment system focused on design modularity and code flexibility. Handled all steps of the development lifecycle; from requirements gathering/estimating to customer support and enhancements. Worked as part of a remote team.
- 👉 Development of User Interface using PHP and Mysql.
- 👉 Creating client side web pages using Html, css, Javascript.
- 👉 Creating a Web API's , charts and make a dynamic entries into a database.

SKILLS

Python | Javascript | React.js | Node.js | Electron.js | Tailwindcss | Microsoft Azure | MS-SQL

CERTIFICATION

- 🌟 React - The Complete Guide 2024 (incl. Next.js, Redux)

EDUCATION

Master's in Computing-Artificial Intelligence

Dublin City University

📅 2024-2025📍 Dublin 9, Ireland

Bachelor of Engineering Information Technology

Savitribai Phule Pune University

📅 2015-2019📍 Pune, Maharashtra

PROJECTS

2022-2024

SLR

Calculating the loss ratio of policies to aid business growth. Developed a utility for uploading masters and creating open spaces for formula-based calculations, reducing manual effort for multiple teams.

Garage Recommender

Developed a solution for suggesting garages to customers based on their location, integrating MapMyIndia APIs for accuracy. Proposed integration with the mobile app, receiving positive feedback from the digital team.

NOVA Website

Created a website for ICICI Lombard's startup accelerator program, streamlining communication with startups and coordinating product information. Gained knowledge of Azure Front Door (CDN) service.

Claims-AI

Developed a project that allows users to select parts from a 3D car model, edit the estimated costs, and automatically send these estimations in PDF format to garages via email. This solution reduces manual effort, with part prices calculated based on specific parameters.

Group Health Insurance Premium Calculator

Developed a premium calculator using linear regression algorithm, achieving 72% accuracy. Collaborated with the underwriting team for dataset preparation.

Email Utility

Python API utilized to send emails both within and outside the organization.

Tax Automation

Developed a desktop application for the taxation team to simplify GST-related calculations. This solution reduced their manual work by 70% and has gained their trust in the automation process.

2021-2022

DVInvestments

Developed a web application to help the team analyze risks and opportunities across asset classes. The application supports the creation of customer-based portfolios, fetches data directly from the NSE website using an API, and allows for real-time updates.

2020-2021

Mahindra & Mahindra(Mahindra Rise)

Timesheet:

<https://timesheet.mahindrassg.com>, MahindraMitra:
<https://www.mahindramitra.com>, VMS : <https://mmvms.com>

CRMs

CORP ETHICS: <https://Wb.zekisolutions.com>, SSMS

BANDHAN: <https://ssms.zekisolutions.com>, Paras Rampuria Engineers

PASSIONS

Coding

Passionate about building and optimizing software applications, always eager to learn new programming languages and techniques.