

# Dipam Ghosh

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## EDUCATION

<b>MCA</b> <i>Academy of Technology   CGPA – 9.67</i>	<b>WB, India</b> <i>2021 - 2023</i>
<b>B.SC (Hons.)</b> <i>University of Calcutta   CGPA – 8.12</i>	<b>WB, India</b> <i>2018 - 2021</i>
<b>Senior Secondary</b> <i>University of Calcutta   76.17%</i>	<b>WB, India</b> <i>2018</i>
<b>Secondary</b> <i>University of Calcutta   83.00%</i>	<b>WB, India</b> <i>2016</i>

## TECHNICAL SKILLS

**Programming Languages:** Python, Javascript, ML, NLP, LLMs, REST APIs, MySQL, MongoDB

**Familiar with:** Pandas, Numpy, Java, C, AWS

**Technologies/Frameworks:** Django, TensorFlow, React.js, Git, Docker, HTML, CSS

## WORK EXPERIENCE

### Software Engineer

KEROSS RESEARCH AND DEVELOPMENT CENTER PRIVATE LIMITED

*Jan,23 - Present*

- **Integrated Control Suite (ICS)**
- Worked as Full Stack Developer.
- Designed and implemented custom components aimed at maximizing code reusability across all products.
- Engaged in technical analyses and played a pivotal role in API design discussions, ensuring the development of secure and seamless integrations with backend systems.
- Actively collaborated with the backend team to architect and implement robust integration solutions.
- Provided ongoing support, troubleshooting, and implemented enhancements and optimizations to ensure smooth operation and address evolving business needs of the live project.

## PROJECTS

- **Job Nexus Hub**, Developed a job finder platform using Python, Django, REST APIs, and React.js. Enabled recruiters to post jobs and facilitated personalized job matches for candidates through resume uploads. Streamlined application and recruitment processes, enhancing user engagement. Additionally, integrated Web Scraping to display LinkedIn jobs, enriching the platform's job offerings.  
Technology used: - Python, Django, MongoDB Atlas, NLP, React.js, Express.js [GitHub](#)
- **Smart Attendance System using Face Detection**, Developed a Smart Attendance System utilizing Face Detection technology. Implemented automated recognition to streamline attendance tracking.  
Technology used: - Python, OpenCV, ML algorithm, Html, CSS, VS Code.
- **Expense Monitor**, Developed an Expense Manager app with CRUD functions and dynamic data visualization, enabling users to manage finances effectively. Build this using MERN stack, antd, moment library. The app offers insightful charts to analyze turnover and category-based percentages.  
Technology used: - React.js, Express.js, Mongoose, Tailwind CSS, Docker. [GitHub](#)

## CERTIFICATES

- Certified on Business Analytics from NPTEL [Link](#)
- Certified on C programming language from NPTEL [Link](#)
- HTML, CSS, JavaScript fundamentals from Coursera