

# Adarsh Pandey

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## EDUCATION

<b>United College of Engineering and Management</b> <i>Computer Science and Engineering — Bachelor of Technology</i>	Prayagraj Aug. 2019 – May 2023
<b>National Institute of Open Schooling</b> <i>Intermediate (XII) — Science (PCM) — NIOS Board</i>	Prayagraj Aug. 2018 – May 2019
<b>National Institute of Open Schooling</b> <i>Intermediate (X) — Science — NIOS Board</i>	Prayagraj Aug. 2014 – May 2015

## EXPERIENCE

<b>Software Development Engineer</b> <i>JIO Platforms Limited</i>	Oct. 2023 – Present <i>RCP, Navi Mumbai</i>
<ul style="list-style-type: none"><li>Automated de-clustering solutions using JavaScript, Node.js, and Express.js, improving customer connection rates by 30% through comprehensive audits and process optimization.</li><li>Developed backend solutions with ReactJS and API integration, reducing inflight cancellations from 8% to 2%, significantly enhancing service reliability.</li><li>Supported 5G feasibility development by leveraging database management and API technology, improving product performance and POS system robustness.</li></ul>	
<b>SuperCoders Trainee</b> <i>CodeQuotient</i>	Feb 2023 – April 2023 <i>Mohali, Punjab</i>
<ul style="list-style-type: none"><li>Developed dynamic and responsive web applications using the MERN stack, including creating interactive user interfaces with React.js and implementing REST APIs with Node.js and Express.js.</li><li>Designed and integrated PostgreSQL database schemas for efficient data storage and retrieval.</li><li>Enhanced application quality by resolving bugs and issues, ensuring a seamless user experience.</li></ul>	

## PROJECTS

<b>E-Commerce WebApp</b>   <i>PostgreSQL, Express.js, React.js, Node.js</i>	March 2023 – April 2023
<ul style="list-style-type: none"><li>Developed a responsive e-commerce platform with user authentication, product catalog, cart functionality, and secure payment gateway.</li><li>Implemented robust architecture with routers and controllers for seamless communication.</li><li>Designed a PostgreSQL schema to manage inventory, user data, orders, and transactions.</li><li>Integrated Razorpay API for secure payment processing.</li></ul>	
<b>HR Attrition</b>   <i>Python, Numpy, Pandas, Matplotlib, Seaborn</i>	July 2021 – Aug 2021
<ul style="list-style-type: none"><li>Built a model that can predict if an employee will leave the organization or not with 85% percent accuracy or higher.</li><li>It is achieved with the help of Random Forest Algorithm (Classification Method) which is a Machine Learning Algorithm</li></ul>	
<b>Algo Visualizer</b>   <i>HTML, CSS, JavaScript, SVG</i>	Oct 2022 – Jan 2023
<ul style="list-style-type: none"><li>Created an interactive platform for real-time algorithm visualization with HTML, CSS, and JavaScript.</li><li>Designed an intuitive user interface and used SVG graphics for dynamic rendering of algorithms.</li><li>Implemented algorithms like insertion sort, showcasing step-by-step animations for users to understand the algorithm's behavior.</li><li>Employed JavaScript to handle animation timing, algorithm implementation and user-interaction, ensuring smooth execution.</li></ul>	

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS  
**Frameworks:** React, Node.js  
**Developer Tools:** Git, Docker, VS Code, PyCharm, IntelliJ, Eclipse  
**Libraries:** pandas, NumPy, Matplotlib