

# PIYUSH K JHA

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## PROJECTS

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### 1. Pulse: Keka HR - *Browser Extension* | [Link](#) | [Demo](#)

- Pulse is saving almost 37 hours for my current organization every day. With just a click, It provides detailed productivity insights, deducting breaks and distractions with laser precision.

### 2. SCOD | [GitHub](#) | [Demo](#)

- Tech stack: MERN. Think Google Docs, but better! Modern block editor, drag-and-drop, auto-save, export features, and more for a 21st-century document editing platform.

### 3. Sync-Link - *Browser Extension* | [GitHub](#) | [Demo](#)

- Say goodbye to being a WhatsApp slave with this browser extension, synchronize your clipboard across devices, resulting in improved synchronization delay by 70%.

### 4. Chief Advisor - *Chat-Bot* | [GitHub](#) | [Demo](#)

- A personal assistant powered by OpenAI using React, Tailwind CSS and Node.js. Capable of storing 100+ session interactions, implemented real-time scalability and security with Parcel, JsonWebToken, and Bcrypt.

### 5. Dish Near Me - *Web Application* | [GitHub](#) | [Demo](#)

- Developed a SPA featuring a config-driven UI. Integrated live Swiggy API for restaurant access, added dish search, and achieved 50% performance/security boost with parcel, custom hooks, Redux-toolkit, and JoiValidators.

### 6. DTU Smart Mess - *Mobile Application* | [GitHub](#) | [Demo](#)

- Leading the development of a **cross-platform** app for DTU's Mess and Canteen to cut queues and reduce food waste. Aiming for 40% shorter queues, 25% less food wastage, and a 15% drop in overdue payments to save university funds.

## SKILLS SET

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C++, Javascript, Typescript, React, Node.js, AWS , Linux, Redux-toolkit, Redux Saga, RTK Query, MongoDB, Extension Development, Docker, Jenkins, Highcharts, EditorJs, HTML, CSS (Tailwind CSS, Material-UI and Bootstrap), Data Structures, Algorithms, CS fundamentals, Git/Github, GIMP, Postman, Storybook, json-server, Figma.

## EDUCATION / COURSES

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### DELHI TECHNOLOGICAL UNIVERSITY

Bachelor of Technology, Minor in Computer Engineering and Major in Electronics:

**GPA: 7.4**

**Additional Courses:** React - CS50 Beyond, Namaste Javascript, Namaste React, Master C++ Coding Blocks, The Complete Node.js Course, The System Design Masterclass by Arpit Bhayani.

### GREEN VALLEY PUBLIC SCHOOL

**CBSE X: 9.4/10.0**

**CBSE XII: 82.3%**

## EXPERIENCE

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### 1. Software Engineer, QuickReply.ai

**July 2024 - Present**

- Architected and developed a **scalable white-label, multi-tenant partner platform** with integrated admin tools, enabling partner-branded reselling, owned **end-to-end development** across frontend, backend, and DevOps.
- Implemented **distributed tracing** and **ELK-based observability**, reducing incident resolution time by **90%** and improving **system reliability** across infrastructure.

### 2. Individual Contributor, Rheolution

**May 2023 - Jun 2024**

- Led the design and implementation of over 30 scalable Modules using the MERN stack, achieving a 30% increase in system efficiency through performance optimizations.
- Enhanced deployment processes and application robustness by mastering Docker for containerization and integrating CI/CD practices, alongside broadening expertise across both frontend and backend development.

### 3. Associate Product Engineer, Urban Company

**April 2021 - May 2021**

- Analyzed 200+ business partner patterns, scoped high-ROI markets and onboarded new partners.

## HONORS & AWARDS

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- Secured 8739 rank in **JEE ADVANCED**.
- Tech team and PR & Marketing team of CODECHEF DTU, It hosts contests every month by collaborating with several companies.
- NCC Cadet 1 DAS** (youth wing of the **Indian Armed Forces**) | Got gold-medal for best cadet in CATC.
- Host of podcast called **India 2050**, published on **Spotify** and **Google** podcasts.
- As a Member of **NSS DTU** in Health and Women Empowerment sector and Head at Elixir (Official Health & Fitness Society of Delhi Technological University) helped 500+ patients to get blood during peak of covid-19 2nd wave.