

# ARJAL SHIVATATA

UI/UX Designer | Full-Stack Developer | AI/ML

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

## SUMMARY

UI/UX Designer and Full-Stack Developer with hands-on experience across product design, web development, and AI/ML. Skilled in transforming complex ideas into intuitive user experiences and functional digital products, with experience in frontend and backend development, APIs, responsive applications, AI/ML, and computer vision. Strong ability to bridge design and engineering to build end-to-end products.

## EXPERIENCE

### UI/UX Designer Intern — Eastencher Software Private Limited

Feb 2026 – Aug 2026

- Designed UI/UX screens and end-to-end patient onboarding flows across mobile and web applications.
- Created doctor onboarding experiences and complete doctor web/mobile application interfaces.
- Translated healthcare workflows into clear, responsive interfaces with strong hierarchy and usability.

### AI/ML Intern — National Institute of Technology Agartala

Jun 2025 – Jul 2025

- Co-developed a face-recognition-based access-control system using Python and OpenCV.
- Worked on an applied AI project and demonstrated the resulting system through a GitHub showcase.

### Software Intern — Northeast Frontier Railway Headquarters

June 2024 – Jul 2024

- Worked across frontend and backend technologies for railway-system development.
- Developed testing code for the Computerized Railway Reservation System.

### Software Intern — Gratia Technology Pvt. Ltd.

Nov 2023 – Jan 2024

- Worked on frontend web development and user interfaces using modern JavaScript frameworks.
- Developed testing code for web-based applications.

## SELECTED UX / PRODUCT PROJECTS

### CareFlow Intelligence — Healthcare Product Design [\[View Project\]](#)

- Designed an **AI-assisted healthcare care-coordination platform** connecting consultation, care plans, referrals, scheduling, results, follow-ups, and operational monitoring.
- Designed **18 role-based screens** across Doctor, Care Coordinator, Scheduler, and Operations workflows.
- Created **human-in-the-loop AI patterns** with AI provenance, uncertainty states, editable summaries, and clinician approval workflows.
- Designed an **exception-first workflow** that surfaces blocked, overdue, uncertain, or clinically significant work for human intervention.

### Nova AI — A Futuristic FinTech Application [\[View Project\]](#)

- Designed **NOVA**, a 5-module fintech app case study spanning **Health, Future, Goals, Coach, and Profile**, centered around a Financial Health Score and forward-looking wealth simulator.
- Conducted **competitive UX research** on Mint, YNAB, and Cleo to identify key user pain points and define product differentiation opportunities.
- Built **interactive HTML/CSS/JavaScript prototypes** for core experiences, including a live **“What-If” financial simulator** and AI Coach chat.
- Authored a comprehensive UX case study covering **information architecture, edge cases, design system, and accessibility considerations**.

### Face Recognition Attendance System — AI / Computer Vision / IoT [\[View Project\]](#)

- Developed a real-time **face-recognition attendance system** using **Python, OpenCV, LBPH, Haar Cascade, Tkinter, Raspberry Pi, and CSV logging**.
- Achieved approximately **75% face-matching accuracy** across tested samples and optimized the recognition pipeline to reduce processing latency.
- Integrated **Raspberry Pi** for on-device face detection and recognition, enabling a compact IoT-based attendance solution.

### Gesture-Based Drawing Website — Computer Vision / Interactive Web [\[View Project\]](#)

- Developed a **gesture-controlled virtual drawing canvas** using **Python, OpenCV, and MediaPipe Hands** for real-time hand tracking and interaction.
- Implemented **hand-landmark detection** to enable drawing with the index finger and erasing through a full-hand gesture.
- Created an interactive computer-vision experience that translates **real-time hand movements into digital drawing actions** without traditional input devices.

## SKILLS

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**Design:** UI/UX Design, Wireframing & Prototyping, Interaction Design, Information Architecture, Design Systems, Dashboard Design, Mobile-First Design, Responsive Design, Accessibility, Visual Hierarchy, Microinteractions, Competitive UX Research

**Development:** HTML5, CSS3, JavaScript, React, Node.js, Express, TypeScript, Tailwind CSS, REST APIs, MongoDB, SQL, Responsive Web Development

**AI / ML / IoT:** Python, Machine Learning, Computer Vision, OpenCV, Face Recognition, AI/ML, Raspberry Pi, IoT

**Tools:** Figma, Adobe XD, Canva, Framer, Miro, Git, GitHub

## EDUCATION

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**B.Tech. — Computer Science & Engineering** 2022 – 2026

**The Assam Kaziranga University** **CGPA: 7.98**

## ACHIEVEMENTS

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- **Smart India Hackathon 2023** — Participant in Smart India Internal Hackathon.
- **Nation Level Yatra 2023** — Participant in the MSME-organized event.

## LANGUAGES

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**English** — Proficient      **Hindi** — Native      **Telugu** — Advanced