

ASHISH AGRAWAL

PRODUCT BUILDER & FRONTEND DEVELOPER

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EDUCATION

BML Munjal University

Bachelor of Technology (B.Tech) – Computer Science & Engineering

Gurugram, India

2025 – 2029

- Maintained an academic track record with an **8.71 / 10.0 CGPA** across foundational engineering coursework.
- Awarded 25% Merit Scholarship at BML Munjal University based on competitive academic performance thresholds.

TECHNICAL SKILLS

Languages: C, C++, Python, JavaScript, TypeScript, SQL
Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Responsive Design, Framer Motion
Backend & Database: Next.js API Routes, Server Actions, PostgreSQL, Prisma ORM, Firebase, Neon Tech
Tools & Platforms: Git, GitHub, Figma, VS Code, Vercel, Auth.js, NextAuth, TanStack Query, Zustand
Concepts: Database Design, Product Development, Authentication Systems, State Management, Progressive Web Apps (PWA)

PROJECTS

ArthiX V2 – Financial Literacy Platform | [Live Demo](#)

Ongoing

Next.js, TypeScript, PostgreSQL, Prisma ORM, Auth.js, Tailwind CSS, TurboRepo, Neon Tech

Founder & Developer

- Architected a scalable full-stack system designed for students and young adults leveraging financial simulations, learning modules, and behavioral tracking.
- Built production-oriented platform workflows for financial decision-making simulations and state-managed educational progression.
- Implemented high-performance server-side operations utilizing PostgreSQL and Prisma ORM for seamless relational data mapping.
- Spearheaded end-to-end product strategy, feature roadmap planning, UI/UX architecture, and responsive dark-theme engineering.

Ledzer – Business Operating System | [Live Demo](#) | [GitHub](#)

June 2026

Next.js 14, TypeScript, Prisma, PostgreSQL, IndexedDB, TanStack Query, Zustand, NextAuth, PWA

Founder & Developer

- Engineered a full-stack business operating platform handling invoicing, inventory, and accounting workflows within a rapid 30-hour development crunch.
- Designed an offline-first client architecture using IndexedDB data synchronization workflows and local data persistence mechanisms.
- Developed granular metrics reporting pipelines including automated P&L statements, Balance Sheets, Cash Flow trackers, and dynamic dashboard analytics.
- Integrated localized PDF/Excel invoice export mechanics alongside optimized state management flows via Zustand and TanStack Query.

ArthiX V1 – Financial Literacy MVP | [Live Link](#)

2025

Next.js, React.js, Firebase Database, Google OAuth, Tailwind CSS, Nodemailer

Founder & Developer

- Developed and successfully deployed the initial public MVP of ArthiX to evaluate student interactions with gamified financial modules.
- Implemented Google OAuth authentication sequences and secure backend email validation routing via Nodemailer integrations.
- Validated complete core functional architecture including simulation sandboxes and modular learning milestones.

Personal Portfolio Website v2.0 | [Live Link](#)

2026

HTML5, CSS3, Native JavaScript, UI Design

Sole Developer

- Designed and deployed a highly interactive, responsive dark-themed portfolio incorporating a dynamic living mesh background asset.
- Programmed a custom masonry layout engine for a smart photography gallery with zero-latency categorization filters.

LEADERSHIP & CAMPUS EXPERIENCE

Design Team Contributor

2025 – 2026

Student Editorial Board, ACM BMU, TEDxBMU, BMUMUN, Ranbhoomi, 67th Milestone

BML Munjal University

- Conceptualized and produced 30+ comprehensive design assets including high-fidelity posters, identity lanyards, and event branding kits.
- Maintained strict brand guideline architectures across cross-functional university organizations to execute physical and digital visual campaigns.
- Leveraged Figma workflows to prototype user interfaces, spatial layouts, and production-ready print vectors.

Technical Team Member

2025 – 2026

Nexus BMU Student Chapter & R&D Cell

BML Munjal University

- Collaborated in open-source engineering workshops, research roundtables, and regular code reviews to optimize project cycles.

ADDITIONAL PROJECT EXPERIENCE

SwasthSathi – Telehealth Platform Concept

September 2025

Smart India Hackathon (SIH) Preparation

UX Contributor & Product Architect

- Mapped user journeys and accessibility wireframes optimized specifically for remote healthcare discovery and ASHA worker interfaces.
- Co-authored detailed functional specification documentation governing system architectures for doctor routing and appointment pipelines.