

# DEVANSH KUMAR

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## SUMMARY

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B.Tech CSE sophomore at Bennett University building scalable backend systems, risk intelligence engines, and full-stack applications. IEEE BU Chairperson with hands-on experience in Flutter mobile development, ML pipelines, and REST API design. Published author (Simply Universe). Obsessed with designing systems that are hard to break, easy to reason about, and built to outlast the problem they solve.

## EDUCATION

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**Bennett University, Greater Noida** Aug 2024 – Aug 2028

Bachelor of Technology - Computer Science & Engineering

**Sunbeam School Varuna, Varanasi** 2016 – 2023

Grade 12 - Physics, Chemistry & Mathematics (PCM)

## EXPERIENCE

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**Application Developer (Flutter) · Raahi** Oct 2025 – Present

Noida, UP

- Building a Flutter-based mobile application serving students and young professionals.
- Implementing local authentication, state management with BLoC, and cross-platform UI with smooth transitions.
- Collaborating with a small product team using Git workflows and iterative sprint cycles.

**Chairperson · IEEE Student Branch, Bennett University** Sep 2025 – Present

Noida, UP

- Leading the IEEE student branch of ~100+ members, overseeing technical workshops, hackathons, and outreach events.
- Coordinating cross-functional teams across organizing events, sponsorship, research, tech, and editorial verticals.

**Junior Core - Tech Team · IEEE Student Branch, Bennett University** Sep 2024 – Oct 2025

Noida, UP

- Contributed to technical event planning, speaker sessions, and member onboarding initiatives.

**Junior Core - Research Team · CSI, Bennett University** Sep 2024 – Oct 2025

Noida, UP

- Assisted in research-oriented sessions and knowledge-sharing activities for the Computer Society of India chapter.

## PROJECTS

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**Risk-Aware Fraud Decision System (MARI)** · Python · FastAPI · Scikit-learn · PostgreSQL · Redis · Railway [\[code\]](#)

- Engineered a multi-axis risk intelligence engine evaluating behavioral, network, and temporal signals to produce explainable fraud decisions.
- Implemented cost-sensitive modeling, consequence-weighted thresholding, and a real-time decision API with sub-100ms latency.
- Designed layered decision architecture with adaptive rules engine and manual override support; deployed on Railway with live demo on Vercel.

**Flutter OTT Streaming App** · Flutter · Dart · SQLite · BLoC [\[code\]](#)

- Built a cross-platform (iOS, Android, Web) OTT-style streaming app featuring local authentication, content catalog, rental/purchase flow, and cinematic UI.
- Implemented BLoC state management and secure session handling; rich page transitions optimised for smooth UX.

**Personal Portfolio Website** · Next.js · TypeScript · Tailwind CSS · Framer Motion [\[code\]](#)

- Designed and built a high-performance portfolio with particle canvas hero, bento grid layout, GitHub stats integration, and infinite tech stack marquee.

## PUBLICATIONS

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**Simply Universe** - Published book exploring astronomy and science concepts for a general audience.

## TECHNICAL SKILLS

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**Languages:** Python, TypeScript, JavaScript, Dart, C++, C, Java, SQL

**Frameworks:** FastAPI, Next.js, React, Node.js, Flutter, Tailwind CSS

**Data / ML:** Scikit-learn, Pandas, NumPy, Matplotlib

**Databases:** PostgreSQL, Redis, SQLite

**DevOps / Tools:** Docker, Git, GitHub Actions, Linux, REST APIs, Railway, Vercel

**Domains:** Backend Systems, Risk Engines, ML Pipelines, Mobile Apps, Full-Stack Web, ETL Pipelines

## **CERTIFICATIONS**

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- IBM Machine Learning Professional Certificate - IBM (Feb 2026) · Credential ID: TYJU31W22CSJ
- Vibe Coding - Coding Ninjas 10X Club (Jun 2025) · Systems Design, Rapid Prototyping
- Core Java Programming Revisited - Infosys Springboard (Apr 2025)
- Digital Electronics - Infosys Springboard (Apr 2025)
- Electronic Circuits and Number System - Infosys Springboard (Mar 2025)
- Programming for Everybody (Getting Started with Python) - University of Michigan / Coursera (Aug 2024)