

# Amit Pandey

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## EDUCATION

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**Chandigarh University**

Mohali, Punjab

Bachelor of Computer Applications

CGPA - 8.08

Aug 2021 - May 2024

## EXPERIENCE

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**Junior Software Engineer**

Jan 2024 – Dec 2024

*Novem Controls*

*Chandigarh*

- Built RESTful APIs and integrated cloud-based services for IoT data processing.
- Performed unit testing, integration testing, and system debugging to ensure software stability.
- Implemented secure coding practices to prevent vulnerabilities in IoT devices.
- Worked closely with hardware engineers, embedded developers, and product managers to deliver integrated solutions.

## PROJECTS

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**Distro\_Sync** | *Python, Click, Shell, Linux Systems*

[GitHub](#)

- Built a cross-distribution package manager with Python and Click for a CLI interface
- Automated package detection & synchronization across APT, DNF, Pacman, and Zypper
- Developed desktop integration for seamless launch across Linux distributions
- Implemented package export/import with progress tracking and confirmations

**Code\_checker** | *HTML, CSS, JS, Gemini-API, Monaco-editor*

[GitHub](#)

- Built an AI-powered coding tool with Google Gemini for code generation & analysis
- Developed real-time code translation for 18+ languages with structure preservation
- Designed a cyberpunk-themed UI with animations and video backgrounds

**Portfolio Website** | *HTML, CSS, JavaScript, React*

[GitHub](#)

- Designed and developed a responsive personal portfolio website
- Implemented interactive features and animations using React and CSS3
- Deployed the site on GitHub Pages for global access

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R, Go, PHP

**Frameworks:** React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI

**Developer Tools:** Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

**Libraries:** pandas, NumPy, Matplotlib