





Arnav Prashant Bule

SUMMARY

Driven tech enthusiast with a knack for problem-solving and a passion for turning ideas into impactful solutions. I've led a 600+ student community, organized cloud workshops, and tackled projects like satellite road extraction and cognitive training apps. I love blending tech with creativity, whether it's coding in C++ and Python or exploring new AI/ML applications, always curious and excited to learn more!

CONTACT

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SKILLS & TOOLS

- Programming Languages:** Python, C++
- Cloud Computing:** IAM , Kubernetes, VMs , DBs
- Data & Databases:** SQL, BigQuery
- Tools & Platforms:** OpenAI APIs, DeepSeek, AWS, Google Cloud Platform, GitHub
- Operating Systems:** Linux, Windows
- Soft Skills:** Project Management, Communication, Teamwork, Leadership, Collaboration, Problem- solving

CERTIFICATIONS

- Machine Learning Specialization** Coursera
- Google Project Management** Professional Certificate
- Google Data Analytics** Professional Certificate
- Networking Basics** - Cisco Foundations
- DSA to Development** (Ongoing) - Geeks for Geeks
- Cloud Career Practitioner Certified for AWS & GCP**

ACTIVITIES

- Won **1000\$ Prize** at **Horizon AI Hackathon** hosted at **University of Miami** , USA
- Secured **Top 25** in the country in **College Youth Ideathon** at **IIT Delhi**
- Cloud Computing Club**
Vice President
- Viral Fission**
Campus Ambassador
- Codechef MITADT**
Management Executive
- Synapse AI Club MITADT**
Technical Team
- 5 Time Google Arcade Winner**

EDUCATION

- MIT Art, Design & Technology University** **2022-2026**
B.Tech in Computer Science Engineering | Pune, India
CGPA: 8.2
Graduation: May 2026
- J.K. College of Arts, Commerce & Science** **2020-2022**
Grade 12 | HSC | Pune, India
- Amanora School** **2020**
Grade 10 | CBSE | Pune, India
Score: 88.2%

LEADERSHIP AND TECHNICAL EXPERIENCE

- Web Development & AI/ML Intern** **Jan 2024 - June 2024**
Cyberlytics Technologies

- Participated in a summer internship program focused on advanced software development and machine learning.
- Developed and implemented an autoregressive model to analyze and forecast time series data, improving predictive accuracy for key business metrics.
- Optimized model performance to efficiently handle sequential data, resulting in a significant increase in forecasting precision and reliability.

- Cloud Computing Club** **July 2022 - April 2024**
Vice President

- Led a team of 55+ members to organize cloud computing workshops, seminars, and hands-on training sessions.
- Built and fostered a community of 600+ students, with 90% expressing interest in continued engagement through future cloud computing-focused initiatives.
- Demonstrated strong leadership and organizational skills, managing event logistics and ensuring smooth execution of large-scale events.

PROJECTS

- Road Extraction On Satellite Images - SIH Project** **August 2024 - Present**
(No. Of Group Members - 6)

- Developing software for automated road extraction using CNNs on ISRO's Resourcesat images from the Boonidhi portal.
- Built a GUI for specifying areas of interest and generating geographically referenced shapefiles, with email alerts for road changes based on image comparisons.
- Optimized for efficient processing of large satellite datasets.

- ERP Exerciser - Industry Project** **August 2024 - Present**
(No. Of Group Members - 3)

- Developing ERPExciser, a Brain-Computer Interface (BCI) application that leverages Event-Related Potentials (ERPs) to deliver real-time cognitive training, enhancing memory, attention, and executive functions in patients with cognitive impairments.

- Prisma - SY Mini Project** **January 2023 - April 2024**
(No. Of Group Members - 3)

- Developed an extremely efficient machine learning-based application for upscaling and colorizing images, with a model weight of just 260MB and achieving 89% color accuracy in standardized tests. (Using CNNs and Dinknet)
- Potential use cases include military applications, night vision enhancement, and restoring old photographs.