

Rahul Banavathu

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EXPERIENCE

- **The Andhra Pradesh Co-Operative Bank Ltd.** 05/2023 - 07/2023
Full Stack Web Development Intern - On-site, Vijayawada, Andhra Pradesh
 - Implemented an online loan-request system for customers by developing a full stack website.
 - Technologies Used: Next.js, React.js, Express.js, Node.js, Axios API and MySQL programmed database.

EDUCATION

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|--|-----------|---------|
| • B. Tech, CSE, National Institute of Technology Patna | 8.11 / 10 | 2020-24 |
| • Class XII, Board of Intermediate Education, Andhra Pradesh | 93.2% | 2018-20 |
| • Class X, Board of Secondary Education, Andhra Pradesh | 92.1% | 2017-18 |

POSITIONS OF RESPONSIBILITY

- **Android Lead - Google Developer Student Club, NIT Patna** 09/2022 - Present
 - Contributed for 2 full stack projects, on-going project regarding 2nd goal of UN SDG, made UIX designs for the app 'Healer' at Google Solution Challenge 2023.
- **Dev Channel - Microsoft Insider** 07/2021 - Present
 - Insiding for Windows 11 21H2 and 22H2 versions. Reported and gave solutions for builds with TPM(Trusted Platform Module) with kernel issues and Windows Filesystem reliability issues.
- **OS Handler - NITP Web Team** 08/2022 - 05/2023
 - Responsible for handling the Windows OS of the server that manages the [NITP Official Website](#).
 - Found and resolved critical server crashes due to hardware and software issues and handled the data traffic on time.

PROJECTS

- **Netflix Movie Recommendation System** [Link](#)
 - An alternative to the CineMatchSM recommendation system with better predictions.
 - Trained with a [Kaggle dataset](#) of 17700 unique movie IDs rated by 480189 unique users on a scale of 1 to 5.
 - Tools & technologies used: Python, XGBoost, TensorFlow, KNN, SVD.
- **Veracious Prophecy** [Link](#)
 - A logistic regression based machine learning model to predict real v/s fake news.
 - Trained using a Kaggle dataset with 20,000+ entries and obtained accuracy of 92%.
 - Tools and technologies used: Python, Logistic Regression, NLTK, PorterStemmer, Google Colab.
- **Student - Steward** [Link](#)
 - A full stack web application to implement online-management of hostel services.
 - Included login, logout and several data updating features with a decent UI.
 - Tools and technologies used: HTML5, CSS3, pHp7, JavaScript, MySQL, XAMPP.

ACHIEVEMENTS AND CODING HANDLES

- **Microsoft Insider** - Worked on solutions for issues related to TPM Modules and filesystem reliability.
 - Insiding Windows 11 and Xbox Console Companion in Dev channel since July 2021.
 - Obtained 5000+ upvotes in 21H2 build feedbacks and responses of appreciation from Microsoft
 - Member of the Reactor2022 at Bangalore, IN and Reactor2023 at Seattle, US.[Link](#)
- **Solved 1000+ problems on LeetCode, CodeChef and GeeksForGeeks.**
 - Achieved global rank 48 of 26000+ participants for the CodeChef contest 'START101'.
 - 3 stars at CodeChef with max. rating of 1603.
 - Top 20% user in LeetCode with max. rating of 1614 and all DCC2023 badges till date.
- **Google Cloud Practitioner** - Implemented several cloud operations with 15+ badges [Link](#)
 - Worked on cloud operations like data loss prevention, Pub/Sub, BigLake and CloudVision API.
- **ByteVerse2023 UIX Finalist** - Made prototype using Figma for an online shopping app. [Link](#)
- **HackSlash Mentor** - Android and UIX mentor for Dev Hackathon organized by HackSlash NITP. [Link](#)

SKILLS

- **Programming Languages:** C, C++, Java, Python, Kotlin, JavaScript.
- **Frameworks:** STL, JDBC, Jetpack Compose, Next.js, React.js, Express.js and Node.js.
- **Tools:** Visual Studio Code, Maven, Android Studio, Git, GitLens, Google Colab.
- **Database:** MySQL, Firebase.
- **Cloud Services:** Google Cloud Practitioner, AWS Elastic Beanstalk.
- **Coursework:** Data Structures, Algorithms, Computer Networks, Database Management Systems, Artificial Intelligence, Object-oriented programming, Operating Systems.