

# Ritesh Kumar

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## EDUCATION

### Pillai College of Engineering

*Bachelor of Engineering in Electronics and Telecommunication*

New Panvel, MH

Jul. 2018 – Aug 2022

### Kendriya Vidyalaya ONGC

*Higher Secondary School in Science*

Panvel, MH

Apr. 2006 – May 2018

## EXPERIENCE

### AI Engineer Intern

*RadicalX*

Nov. 2023 – Present

*Remote*

- Leveraging OpenAI, Vertex AI, and TensorFlow, I honed my skills in AI development to craft intelligent career guidance and mentor-ship solutions, empowering learners and enhancing their career outcomes

### Data Science Intern

*Bharat Intern*

May 2023 – June 2023

*Remote*

- Task of developed a machine learning model to predict stock prices with an accuracy of 75%
- Task of making a system which tells if a person will be saved from sinking on the Titanic based on different criteria called Titanic Classification

### Researcher at Hackathon

*Pillai College of Engineering*

Jan. 2019 – Feb. 2019

*New Panvel, MH*

- Researched and developed a medical app in hackathon for villagers containing all the basic remedies of common disease in their area
- The app also contained the emergency contact information of doctors who practices in the nearby areas
- Placed 4th in the competition

## PROJECTS

### Bellabeat Case Study | *Python, R, SQL, Kaggle*

May 2023 – June 2023

- Utilized data analysis skills to help our customers in being fit and health conscious
- Suggested new reward based system for reaching a particular milestone to motivate users to be more health-conscious

### Secured Wireless using RSA | *RSA, AES cryptography, Socket Programming*

Sep. 2021 – May 2022

- Made a secure wireless communication using RSA cryptography and socket programming as the final year B.E project
- Learnt about different cryptography methods and their respective advantages and disadvantages

### Case Study and Open Source Contributions | *Python, CSS, HTML, GitHub*

Nov. 2023 – Present

- Case studies on different issues such as imagining new features on various apps
- Open source contribution to different apps, feedbacks, suggesting or adding new features to apps

## TECHNICAL SKILLS

**Languages:** Python, SQL, HTML/CSS, R

**Frameworks:** Angular, D3

**Developer Tools:** Git, Google Cloud Platform, VS Code, Google Workspace, R Studio, Kaggle

**Libraries:** D3

**Database:** MySQL

## CERTIFICATIONS

**Software Engineer Intern:** HackerRank

**Python Basic:** HackerRank

**SQL Basic:** HackerRank

**Google Data Analytics:** Coursera and Google

**Data Visualization using D3:** freeCodeCamp