

# Barri Avinash

Email ID: [avinashb0309@gmail.com](mailto:avinashb0309@gmail.com)  
Mobile: +91-9014898087  
LinkedIn: <http://www.linkedin.com/in/avinashb03>



## OBJECTIVE

Developed and maintained innovative software solutions to enhance business efficiency and technological growth. Collaborated with cross-functional teams to deliver high-quality, scalable systems. Applied strong problem-solving and coding skills to address complex engineering challenges and support continuous innovation

## Skills

- **Technical Skills:** JAVA
- **Web Technologies:** HTML5, CSS3, JavaScript, React
- **Technical Skills:** Object-Oriented Programming, Clean & Structured Coding, Code Documentation, Design Patterns
- **Tools:** VS Code, Git/GitHub
- **Soft Skills:** Problem Solving, Analytical Thinking, Communication, Adaptability, Continuous Learning, Critical Thinking, Decision Making

## Education

**B.Tech, Computer Science And Engineering** Dec 2021- Apr 2025  
Sir C R Reddy College of Engineering-Eluru,AP

## Internships

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|--|-------------------------|
| 1. JAVA FULL STACK DEVELOPER   ExcelR EdTech Pvt.Ltd | May 2024 – July 2024    |
| 2. BACKEND DEVELOPER   CodeTech IT Solutions Pvt.Ltd | July 2024 - August 2024 |

## Projects

- 1. Podcaste Apk :**
- Podverse, leveragingJavabackendandFirebase storage, optimizes podcast storage.
  - Seamlesslyintegrated,usersdiscoverandplay favoritepodcastsforanimmersiveexperience.
  - Engineered a scalable backend for a podcast application usingJava,optimizingdata retrieval and streaming efficiency, which improved user experience and reducedserverresponse timeby30.
  - Itsuser-friendlyinterfaceenhancescontent exploration and playback.
- 2. Knee Osteoarthritis Detection Using DL Models :**
- Architected Developed a deep learning model for the automatic detection and classification of knee osteoarthritis from X-ray images.
  - Implemented and compared three different deep learning models: CNN, ResNet, and EfficientNetB0.
  - Utilized image preprocessing, data augmentation, and advanced classification techniques to train and evaluate the models.