Abhishek Maurya

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Objective

Enthusiastic and results-driven software developer with a strong foundation in Java programming and Android app development. Passionate about creating innovative solutions to real-world problems through efficient and scalable software. Dedicated to continuous learning and staying updated with emerging technologies, aiming to contribute effectively to a dynamic development team.

Experience

- **Internshala Student Partner (ISP) program**   10/10/2024 -
  Student Ambassador
  Promoted Internshala internships and courses, resulting in a 20% increase in student engagement at my college.

- **GirlScript Summer of Code (GSSoC) Extended 2024**   01/10/2024 - 31/10/2024
  Contributor

  Collaborated as an open-source contributor in GSSoC Extended 2024, gaining hands-on experience with real-world projects. Contributed code and ideas to repositories, fixed bugs, enhanced features, and worked with a global community of developers. Developed skills in Git, version control, and teamwork in a collaborative coding environment, following best practices to deliver efficient, clean, and impactful code.

- **LetsUpgrade EdTech Pvt Ltd**   01/11/2024 - 30/11/2024
  Student Ambassador

  Actively promoting LetsUpgrade's mission to enhance education by driving website traffic through social media and other channels as part of the Student Ambassador program. Involved in creative strategies and engagement activities to expand brand reach and connect with a broader audience. Program duration: November 1, 2024 – November 30, 2024.

Education

- **University of Allahabad**   2026
  Bachelor of computer Application (BCA)

- **Sarvajanik inter College Mungra badshahpur**   2022
  Intermediate (PCM)
  70%

- **Dr. V. S. Pandey girls inter College**   2020
  High school
  80%

Skills

- Programming Languages: Java, C
- Web Development: HTML, CSS
- Tools: Git, GitHub, Android Studio, MS Office, Linux
- Soft Skills: Communication, Problem Solving, Content Creation

Projects

- **Snake Game for Android**
  - Developed a modern version of the classic Snake game for Android using Jetpack Compose and Kotlin.
  - Implemented multiple game modes, including Standard Mode, No Walls Mode, and Maze Mode.
  - Designed a retro Nokia-style UI with D-pad controls and an LCD-style pixelated screen.
  - Integrated special food types, enhancing gameplay dynamics with different score values.
  - Utilized SoundPool for retro sound effects and Canvas drawing for smooth animations.
  - Followed the MVVM architecture for maintainable and scalable code.
  - Future improvements include multiplayer mode, leaderboard integration, and customizable themes.

- **Linkzy App**
  - Developing a real-time chatting app with Firebase backend, featuring secure messaging, group chats, and media sharing.(*Under production*)

  - **Key Skills**: Java, Firebase, Android Studio, UI/UX Design

- **AI Text Summarize App**
  - Developed a responsive, web-based AI text summarization app using **HTML, CSS, JavaScript**, and the **Hugging Face API**, resulting in a 70% reduction in manual text processing time for users.
  - Integrated Postman for seamless API requests and data handling, enabling efficient text summarization with an accuracy rate that met 90%+ user expectations in testing.
  - Designed a user-friendly interface with 100% front-end responsiveness to improve accessibility across devices.
  - Hosted code and documentation on **GitHub** (GitHub Repository) for open-source collaboration.
  - Key Skills:
  - *Front-End Development:* HTML, CSS, JavaScript
  - *API Integration:* Postman, Hugging Face API
  - *Version Control:* Git, GitHub
  - *UI/UX Design:* Responsive and user-friendly interface design
  - *Problem Solving:* Optimizing workflows and reducing manual effort through automation

- **Android Calculator App**
  - Developed a functional calculator app for Android using Java. Increased app performance by 15% by optimizing layout and style issues.

  - **Key Skills:** Android Studio, Java, XML, UI/UX design

- **Muzic Player App**
  - Developed a feature-rich Android music player with shuffle, repeat, equalizer, album art, and search functionality. Optimized for background playback and responsive UI.
  - **Key Skills:** Java, XML, Android Studio, UI/UX Design

- **Tic Tac Toe Game**
  - Created an interactive Android Tic Tac Toe game with AI for single-player mode and a minimalistic interface.
  - **Key Skills**: Java, Android Studio, Game Logic

Certifications & Achievements

- Introduction to Artificial Intelligence - Infosys Springboard
- C Programming Certification - KG Coding
- Java Programming Certification - KG Coding
- RBI90 Nationwide Online Quiz 2024
- Contributor, GirlScript Summer of Code Extended
  Participated in a 1-month long open-source program by GirlScript Foundation
  October 2024

Languages

- English
- Hindi

Additional Experience

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  Managed a YouTube channel with 200+ subscribers, sharing technology and BCA content.

- As the Admin of The Dev Hub at CMP Degree College (University of Allahabad), I lead a coding club dedicated to enhancing programming skills and fostering a collaborative learning environment. My responsibilities include organizing activities, managing club members, and conducting coding sessions to support peers in their tech journey.