PARTH KOHALE
Sophomore Computer Science
Engineering Student

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OBJECTIVE: To obtain an internship in the field of computer engineering to gain practical experience and enhance my skills.

EDUCATION
- **Bachelor of Engineering in Computer Science**
  Bits Pilani Dubai Campus

- **CBSE 12th**
  Bhavan's BP School Nagpur

ACHIEVEMENTS
- International Astronomy Olympiad – Secured Gold Medal (2020)
- Inter-School National level Earthquake Quiz organized by IIT-Kanpur: Second position (2019)
- National Talent Search Examination (NTSE) – Cleared first round with an "A" grade equivalent (2019)
- Qualified for JEE-Advanced

SOFT SKILLS
- Fluency in spoken and written English and Hindi language.
- Have strong ability to work under pressure and efficient problem-solving & Leadership skills.
- Take initiative, ownership of task at hand and can work without any supervision

TECHNICAL SKILLS

Database	MySQL
Computer Language/Tools	Java, BlueJ, IntelliJ, Eclipse, C, Python, Jupyter Notebooks, PyCharm, HTML, Matlab, Visual Studio Code, Xcode, Microsoft Excel, Powerpoint, Word
Operating System	LINUX, Windows, Mac OS
Designer Software	Adobe Photoshop, Da Vinci Resolve, Adobe Premiere Pro, Adobe Illustrator

CERTIFICATES
- Google Data Analytics Professional Certificate
- Google UX Design Professional Certificate (Ongoing)
- CS50: Introduction to Computer Science – Harvard University
- The Complete Python Bootcamp – Udemy (Ongoing)
- The Complete 2024 Web Development Bootcamp – Udemy (Ongoing)
- Microsoft Excel From Beginner To Advanced – Udemy (Ongoing)
- Masterclass: Python For Machine Learning and Data Science – Udemy (Ongoing)

PROJECTS
Java Chess App
- Developed a Java-based chess application, Chess, integrating core gameplay mechanics, an AI opponent using minimax with alpha-beta pruning, and user-friendly features such as save/load functionality and board customization options.
- Utilized Java programming language and Swing GUI toolkit for interface design, overcoming challenges in algorithm optimization, GUI design, and bug fixing.
- Gained practical experience in software development practices, honing problem-solving skills and deepening understanding of Java programming.
- Future plans include enhancing AI intelligence, implementing multiplayer functionality, and incorporating user feedback for further improvements.

Java Calculator App
- Developed a Java-based calculator application featuring basic arithmetic operations, memory functionality, and error handling.
- Utilized Java programming language and Java Swing for GUI development, ensuring a user-friendly interface and robust functionality.
- Overcame challenges in expression parsing, GUI design, and testing/debugging, enhancing problem-solving skills and deepening understanding of Java programming concepts.
- Future plans include expanding functionality, optimizing performance, and exploring integration opportunities.
- Represents a significant achievement in software development, demonstrating proficiency in algorithm implementation, user interface design, and error handling.