

Duddu Hriday

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Education:

B.Tech in Computer Science and Engineering, IIT Dharwad, November 2021-Present, CPI: 8.47, SPI: 9.57

Experience:

Department of CSE, IIT Dharwad: Student Mentor

- Mentored **6** first-year students, providing **academic and personal support**.
- Organized **articulate communication** by organizing more than 10 orientation sessions, resulting in a **20%** increase in mentees' academic performance and a **15%** improvement in overall satisfaction

PARSEC 3.0 (Tech Fest), IIT Dharwad: DEVHACK 4.0 (Hackathon)

- Led the **backend development** efforts, successfully effectuating server-side logic using PHP to handle data processing, user authentication, and database management for the web application
- Collaborated within a cross-functional team of **4** developers, designers, and project managers to develop a fully functional web application within the tight timeframe of the hackathon.

PARSEC 4.0 (Tech Fest), IIT Dharwad: DEVHACK 5.0 (Hackathon)

- Engaged to **front-end development** (HTML, CSS, JavaScript) and guaranteed effective communication in a team of **4**, meeting hackathon deadlines.
- Carried out secure **back-end functionalities** (PHP, MySQL), integrated front-end and back-end for a smooth user experience, and instituted a secure authentication system safeguarding user data.

Projects:

Smart-Med, an appointment scheduling platform:

- Pivoted a team of **4** to develop an **appointment booking system** for convenient scheduling and viewing of doctor availability.
- Employed a tech stack consisting of **HTML**, **CSS**, **JavaScript** for the frontend, and **PHP** and **MySQL** for the backend and **Git** for version control.
- Oversaw the end-to-end development of the Smart-Med platform, overseeing both frontend and backend components.

Our Bank, a Bank Management System:


- Developed a comprehensive bank management system, "Our Bank," utilizing C++ and file operations.
- Implemented user-friendly interfaces for both admin and user functionalities.
- Enhanced skills in data management and sorting algorithms for efficient data organization.

My Basket, an Ecommerce website:

- Developed an Ecommerce platform for browsing, adding products to a cart, and making purchases.
- Created an interactive UI with HTML and JavaScript, and managed databases using PHP and MySQL.
- Collaborated with a 5-member team to deliver an engaging E-commerce platform.

IIT Dharwad Student Portal, Aid Website for students of IIT Dharwad: 

- Designed a student portal with HTML, CSS, JavaScript, PHP, and MySQL alongside a 4-member team.
- Implemented secure user authentication and achieved recognition in top project categories at PARSEC tech fest.

PhonePe Clone, Database and Information technology course project: 

- Led a 4-member backend team to develop a PhonePe clone using Python and PostgreSQL.
- Ensured data integrity and performance with a robust database schema.
- Contributed to code reviews, testing, and documentation.

Technical Skills:

Programming and Scripting Languages: C, C++, Java, HTML, CSS, JavaScript, Python, PHP

Tool and Libraries: LaTeX, BEAMER, Microsoft Word, Microsoft PowerPoint

Other Information:

Linkedin: <https://www.linkedin.com/in/duddu-hriday/>

Github: <https://github.com/Duddu-Hriday>