DIP PANDEY

CONTACT

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EDUCATION

UNIVERSITY OF TASMANIA

Bachelor of Information and
Communication Technology
(software enginnering)
2020-2024

SKILLS

Back End Development:
- SQL (Postgres)
- Express
- NodeJS
- API Endpoints Management
- OAuth
- JWT Authentication
- REST APIs
- React
- Javascript
- MongoDB

Languages
- JAVA
- Python
- PHP
- HTML/CSS, R
- C/C++
- Go

Tools and Frameworks
- Amazon AWS
- CI/CD pipelines
- Heroku
- Vercel
- Git
- Cursor AI
- Visual Studio
- Materializing
- JIRA
- Collaborative Filtering
- Machine Learning

Soft Skills:
- Team Player
- Bias for Action
- Deliver Results
- Communication
- Detail Oriented

CERTIFICATION

AWS CERTIFIED SOLUTIONS ARCHITECT

2021 - 2023
Alison Academy

AWARDS

TASMANIAN INTERNATIONAL SCHOLAR

granted scholorship on
academic excellance

COURSEWORK

Data Structures and Algorithms,
Developing Android and IOS Apps,
Machine Learning,
Software Design and Development,
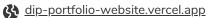Operating Systems,
Applied Statistics,
Linear Algebra,
Agile methodology,
Web programming,
Mobile Application Development,
Intelligent and Secure web
development,
Leadership and Marketting.

ABOUT ME

My journey in technology started with a passion for video editing, evolving into a love for creating engaging digital experiences. In 2019, I moved from Nepal to Tasmania, Australia, to pursue a degree in Information Technology at the University of Tasmania (UTAS). This challenging yet rewarding experience allowed me to develop strong front-end and back-end development skills. I aim to become a full-stack engineer, leveraging my expertise to create impactful digital solutions.

WORK EXPERIENCE

OMNICORE PROJECT, UNIVERSITY OF TASMANIA | AUG 2022 – MAY 2023

Front-end engineer

- Developed a backup manager software ensuring data security and reliability for university systems.
- Designed and implemented a user-friendly interface using HTML, CSS, and PHP
- Utilized Python for backend scripting and automated backup tasks.
- Developed RESTful APIs using Django to handle data retrieval and management.
- Integrated PostgreSQL for robust and scalable database management.
- Ensured secure data storage and transfer by implementing AWS services, including S3 and RDS.
- Employed PHP for server-side scripting to enhance web functionality.
- Implemented continuous integration and deployment (CI/CD) pipelines for automated testing and deployment using AWS CodePipeline.

Tools: Languages: HTML, CSS, JavaScript, Python, PHP | Frameworks: Django | Database: PostgreSQL | Cloud Services: AWS (S3, RDS, CodePipeline) | Version Control: Git | Project Management: JIRA | Testing: PyTest, Selenium | CI/CD: AWS CodePipeline, GitHub Actions | IDEs: Visual Studio Code, PyCharm

THE THIRDS STUDIOZ, 2021- PRESENT

Web Dev and Maintanence

Maintained and updated the website, ensuring seamless user experience and optimal performance. - Skills: HTML, CSS, JavaScript
- Updating page with recent project works, videos and exhibitions from the company,
- **Tools: Visual Studio, Vercel, Adobe priemere, Wordpress, Hosting , Domain Management, Video editing and publish.**

GREAT WHITE PLUMBING, 2022-2023

Media Marketing and Web design --- Contract

Managed marketing campaigns and strategies to enhance brand presence and customer engagement through digital channels. - Skills: SEO, Content Marketing, Social Media Management, Google Analytics.
Tools: Adobe design tools, Canva, video editing, scheduling and postings, posters and brochures, Collecting Site pictures, Website development

PERSONAL PROJECTS   dip-portfolio-website.vercel.app

AI-Powered Quiz Buddy: Next.js, Tailwind CSS, Node.js, MongoDB, OpenAI API, Netlify
Stock Management Software: Next.js, MongoDB, AI Integration, Vercel.
Applify Attraction: React.js, OpenAI API, Node.js, Cursor IDE, netlify.
Health Appointment Scheduler: Node.js, MongoDB, Express.js, GitHub.
Course Selling Website with Stripe Integration: React.js, Stripe API. Javascript, MongoDb
Secure Login and Permissions Web App: PHP, MySQL, OAuth, Azure Virtual Machine, GitHub, Apache.