

# DIP PANDEY

## CONTACT

- 0414368038
- dippandey61@outlook.com
- [Dip Pandey website](#)

## EDUCATION

### UNIVERSITY OF TASMANIA

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

## SKILLS

### **\*\*Back End Development:\*\***

- Java
- Python
- Spring
- Express
- NodeJS

### **\*\*Data Pipelines:\*\***

- Amazon Redshift
- Amazon EFS
- S3
- vercel

### **\*\*Miscellaneous:\*\***

- Amazon AWS
- Recommendations
- Collaborative Filtering
- Machine Learning
- MongoDB

### **\*\*Front End Development:\*\***

- ReactJS
- Redux
- JavaScript
- Bootstrap
- Materialize
- HTML
- CSS

### **\*\*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 scholarship on  
academic excellence

## 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 JavaScript.
- 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 Maintenance

- 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 premiere, Wix

### GREAT WHITE PLUMBING, 2022-2023

#### Media Marketing manager

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

## COURSEWORK

Data Structures and Algorithms, Developing Android Apps, Machine Learning, Applied Statistics, Linear Algebra, Differential Equations, Agile methodology, Web programming, Mobile Application Development, Intelligent and Secure web development, Leadership and Marketing.