

## AKSHIT JAIN

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- Software Engineer - Integration Team** | SimplifyVMS (Noida, India) June 2021 – Present
- **Bridge V1 Platform**: Developed a user-friendly Integration Platform using Angular, NGX Graph, Nebular Theme, and Django for backend APIs, facilitating smooth data transfer between multiple clients and SimplifyVMS. Enhanced reusability through template-based pipelines with AG Grid, improving efficiency and customization.
  - **Bridge V2 Platform**: Created a flexible canvas with Rete.js for custom data pipelines and developed a real-time dashboard with Chart.js for process statistics. Implemented Single Sign-On (SSO) with Keycloak and developed a multi-account system with role-based access control using Angular and Django, enhancing data security and user management. Also worked on the backend using Django and PostgreSQL for data handling.
  - **Bulk Upload Utility Project**: Built a manual upload utility using Angular and Stencil.js, enabling clients to perform large-scale integrations (up to 70 lakhs rows) efficiently. Utilized AG Grid for visual error identification and dynamic forms for validation, significantly improving data processing capabilities. Created and managed backend APIs with Flask and PostgreSQL to support this utility.
  - **Integration Sales Platform**: Developed the platform using Angular, Hugo, JavaScript, and Django for backend APIs, showcasing Bridge Product to clients and enhancing integration capabilities with pre-built connectors, streamlining sales processes.
  - **API Design and Documentation Management Platform**: Created a platform using Redocly, OpenAPI Specifications, React, and Angular for dynamic API updates and automated documentation, increasing developer productivity and simplifying integration processes.
  - **Generic Reusable Design System**: Developed a versatile design system with Stencil.js and Bootstrap, ensuring consistent user experience across projects. Integrated Storybook for collaborative component development, promoting efficiency and maintaining design coherence.
- Software Engineer Intern** | Neurobit Technologies Co. (Remote, Singapore) Jan 2021 – June 2021
- Led the development of the Z3-Pulse Project, a subscription-based sleep cycle measurement tool, handling both backend and frontend using Django and React.js, and implementing key features including APIs and integrations.
  - Developed the frontend of the Z3 Score Project, using React.js, Tailwind CSS,
  - Developed notification scheduling process using AWS Lambda functions and Google Cloud functions.
- Co-Founder** | Plant4u Botanicals Pvt Ltd June 2020 – July 2021
- Founded and led Plant4u, an e-commerce startup, overseeing all technical and managerial aspects.
  - Executed end-to-end business operations, from market research to developing a full-fledged e-commerce platform with integrated payment and logistics gateways.
- Software Developer Intern** | Hikaya LLC (Remote, Germany) June 2019 – September 2019
- Led the Development of the Hikaya Dashboard system. This involved writing APIs, addressing bugs, and even working on the frontend aspects.
  - Significantly enhanced data capabilities for humanitarian groups by creating integrated data tools with Django and PostgreSQL.

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**Frontend** : Angular 8+, React.js, Stencil Js, Bootstrap/HTML/SCSS, Tailwind css, Material Design, Javascript

**Backend** : Python, Django, Django Rest Framework, Flask

**DevOps** : Docker, Kubernetes, Jenkins, CI/CD

**Databases** : MySQL, PostgreSQL

**Other Skills** : Kanban, Problem solving, Automated Unit testing, Agile/Scrum Methodologies, Git/Mercurial, Karma.js, Jasmine

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- **Freelancer at Tower360**: Developed project Connect by implementing critical features like DAG for data pipeline creation, a comprehensive dashboard, and seamless API integrations, enhancing efficiency and scalability for bulk Integrations.
  - **Open Source Contribution at Coala Association**: Worked on main project of the Coala (a linting tool) repositories for Google Summer of Code
  - **Open Source Contributor at Mercurial & Plone Organisation**: Contributed to mercurial a version control system and Plone's main CMS project and Volto theme

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- **Google Developers Student Club Lead**(2019-20): Established and led the first GDSC technical community at SMVDU, demonstrating leadership and organizational skills.
  - **Awarded the 3rd position at Startup Weekend Jammu** : Got Incubation and Seed round Funding at TBIC SMVDU for Plant4u
  - **Mentored Open Source Initiative**: Mentored Kharagpur Winter of Code organized by IIT Kharagpur as in both 2018 and 2019.

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B.Tech in Computer Science and Engineering

GPA 7.8 / 10 | Shri Mata Vaishno Devi University, India

July 2017 – July 2021