Devyansh Chawla

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EDUCATION

- **National Institute of Technology, Kurukshetra** — June 2019 - Expected June 2023
  Bachelor of Technology in Information Technology — *CGPA: 9.4206 / 10.0*

TECHNICAL SKILLS

- **Programming Languages**: JavaScript/TypeScript, Python, C++, SQL, Kotlin
- **Libraries and Frameworks**: React.JS, Node.JS, Chakra UI, Bootstrap, PostgreSQL, Redis
- **Domain Knowledge**: Full Stack Development, Data Structures and Algorithms, Object-Oriented Programming
- **Amazon Web Services**: AWS Lambda, API Gateway, ECS on AWS Fargate, AWS CDK

INTERNSHIPS AND PROJECTS

- **Software Engineering Fellow, Solana Labs** [May 2022 - Present]
  - Developed a Web3 application to upload and play music on Solana by connecting the Phantom wallet.
  - Contributing to the Android and iOS SDKs that **help developers get started with the on-chain tools provided by Metaplex.**

- **Database Engineering Intern, Cvent** [January 2022 - June 2022]
  - **Reduced blast radius, enhanced monitoring, and modernized infrastructure** by developing an AWS Serverless Framework for running PostgreSQL Maintenance Tasks.
  - Expanded the scope of Kosh, a database inventory, to include all Cvent AWS accounts, resulting in **more accurate auditing and data analysis operations.**
  - Supported developers cross-team by working on **120+ schema and user management tasks.**

- **Google Summer of Code, Wikimedia Foundation** [May 2021 - August 2021]
  - Developed a Userscript Guided Tour for the **seamless onboarding of new developers on MediaWiki.**
  - Created multiple templates and user scripts by leveraging ResourceLoader, MediaWiki Action API, and Object-Oriented User Interface.

- **GrooWe** [GitHub]
  React.JS, Node.JS, Rust, Redis — *June 2022*
  - Enables listening to the same songs simultaneously by utilizing a **fair queue mechanism.**
  - The sleek UI allows users to **interact through avatars, instant messaging, proximity audio, reactions, and voting** in virtual spaces called rooms.

- **SwiftChat** [GitHub]
  React.JS, Node.JS, TensorFlow.JS, Numpy, pandas — *May 2021*
  - (Group Project) Allows users to chat personally and in groups using randomly allocated IDs.
  - Helps users find important messages in the pool of messages. The messages are **segregated in real-time** and accessed at the click of a button.

- **Discord Stock Bot** [GitHub]
  Python, Discord API — *December 2020*
  - The Discord bot **analyzes the stock market by providing hourly and daily updates** on stock information on Discord.
  - Supports query commands to fetch stock details of a company for the present and previous day, stock history of multiple companies, and historical stock details of company(s).

LEADERSHIP AND AWARDS

- **Open Source Lead of Google Developer Student Club, NIT Kurukshetra**: Created the first open-source community in my college and delivered several hands-on workshops.
- **Winner of Excalibur, Techspardha 2022**: Developed a platform that allows music lovers to explore new music and listen to their favorite songs with their friends in virtual spaces called rooms.
- **Phase 1 Finalist of OpenCV AI Competition 2021**: Member of team Kurukshetra Warlords, chosen as finalists from over 1400 submissions worldwide. Proposed a visual aid for amblyopic patients using OpenCV AI Kit with Depth (OAK-D).
- **Runner up in Productathon, Techspardha 2020**: Developed a prototype of a Smart Traffic Monitoring and Accident Detection System, which regulates traffic lights based on traffic densities at crossroads.