

SAHIL DUHAN

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EDUCATION

B.TECH (Software Engineering)	2020 - 24	Delhi Technological University, (Formerly, DCE)	9.17 / 10
AISSCE/CBSE (Class XII)	2019	Titiksha Public School, New Delhi	9.61 / 10
AISSE/CBSE (Class X)	2017	Titiksha Public School, New Delhi	9.0 / 10

INTERNSHIPS EXPERIENCE

Software Developer - yoursthatsenior Pvt. Ltd. | [Project link](#) | [LOR](#) Dec'21 - May'22

- Developed a modern, super fast and mobile friendly, full stack web application with best in class SEO practices and industry practices with react and redux. Ensured an ultra fast load time of less than 500ms with lazy loading.
- Managed multiple projects and parallel implementations of important features across different microservice units of application and delivered high-quality solutions, with industry grade practices and on-time completion of tasks.
- Deployed applications to **AWS**, set up CI-CD, engaged in the resolution of production issues and led efforts toward solutions to both business and technical problems.
- Technologies used** - ReactJS, NodeJS, ExpressJS, Typescript, Redux, GraphQL, MongoDB, AWS, S3, Route53, Cloudfront, CI/CD pipelines, Git & Github, Rest API, AJAX, GraphCMS.

ACADEMIC PROJECT

- [Personalized vsCode Snippet](#) - Developing an intelligent, scalable and fully functional Vs code Snippet tool using Javascript, HTML, CSS for process automation, adding boilerplate code, boosting the productivity by 50% during online contests & routine work.
- [LoginWithFace](#) - Developed a robust, fully functional and scalable web based facial log in/ Sign up web application using JavaScript, HTML, CSS and Python using Facial recognition for user authentication and validation.

RESEARCH AND PUBLICATIONS

[Deep study on solar air heating and its application in agricultural and industrial drying](#)

Research study, analysis and published a review article on solar air heating applications in commercial drying for various indigenous food products resolving the complexities in understanding various kinds of solar air dryers and their uses.

ACADEMIC ACHIEVEMENTS AND AWARDS

- Completed [Amazon ML Summer School 2022](#) - an integrated learning program for students on key Machine Learning (ML) across July 2 - July 24, 2024.
- Participated in [VIHAAN'22 \(Hackathon\)](#) organized by IEEE-Delhi Technological University

TECHNICAL SKILLS

Programming Languages & Frameworks - C++ with STL, Python3, Typescript, Javascript, HTML, ReactJS, ExpressJS, NodeJS, MongoDB, AJAX, Rest API, Git, Github, Agile & Scrum methodologies.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- State Level Winner** - Secured second position in State level debating competition.
- Participated in School National Games** - Participated in **Junior School National Games** - Volleyball, organized by SGFI & Won a Silver medal in **Junior State level competitions** - volleyball organized by Directorate of Education.
- Participated in AGASTYA'22, UDGHOSH'21 & SPORTECH'22** - Won Gold, Silver & Bronze medals AGASTYA'22(NSUT), UDGHOSH'22(IIT-KANPUR) & SPORTECH'22(IIT-DELHI) respectively in Men's Inter-university Tournament.