

Nirav Patel

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EDUCATION

Steven's Institute of technology | **Master's in Science - Computer Science** Hoboken, New Jersey
Graduation year- 2023
Institute of Technology, Nirma University | **B.Tech- Computer Engineering** Ahmedabad, Gujarat
Graduation year- 2021

TECHNICAL SKILLS

Languages: JavaScript, HTML, CSS, TypeScript, Python, C/C++
Frameworks & Tools: React.js, Node.js, Next.js, MongoDB, Tailwind CSS, Bootstrap, Git, Web3.js

EXPERIENCE

Research Intern | *Indian Institute of Technology Kharagpur, India* Jan 2021 – May 2021

- Designed and developed user interface for decentralized application
- Built front-end using React.js, JavaScript, Bootstrap 3, HTML5 and CSS3
- Built REST back-end using Node.js, Express, and Mongo DB
- Implemented OAuth2 for Facebook, Twitter and Google using Passport.js

Software Engineer Intern | *VEStellaLab Inc. Seoul, Korea* June 2020 – July 2020

- Implemented client facing app using various technologies including Node.js, HTML, CSS, Solidity, Web3.JS, Truffle, Metamask, Remix
- Designed a framework for agricultural food supply chain, leading to 20% more purchase power for agro-resources

PROJECTS

InTouch | *HTML, CSS, JavaScript, React.JS, Node.JS, Express.JS, MongoDB, Bootstrap* Jan 2022 – May 2022

- An educational social-networking website, auto-links to your Stevens Canvas account and adds you in real-time group chats depending on classes

Gym review System | *HTML, CSS, JavaScript, Node.JS, Express.JS, MongoDB, Bootstrap* Oct 2021 – Dec 2021

- A wellness booking and review platform enables user to browse and book fitness & wellness sessions and post reviews

Sentiment analysis | *Python, Django, Machine Learning, Html, CSS* Jan 2020 – May 2020

- Web app addresses problem of sentiment analysis on twitter; that is classifying tweets according to the sentiment expressed in them: positive, negative

Scrap Recycling System | *HTML, CSS, Bootstrap, Node.JS, ByCrypt.JS, MongoDB* Jul 2019 – Dec 2019

- ScrapGold is a full stack website approach developed for collection of useful scrap to be recycled and give 50% of profit as incentive to users along with free plantation service

PUBLICATIONS / RESEARCH WORK

Conference Proceedings

- Nirav Patel "GiNA: A Blockchain-based Gaming scheme towards Ethereum 2.0" (IEEE ICC'21 - CQRM Symposium) 2021
- Nirav Patel "BDoTs: Blockchain-based Evaluation Scheme for Online Teaching under COVID-19 Environment" International Conference on Computer, Information and Telecommunication Systems

Peer-reviewed International Journal Publications

- Nirav Patel KRanTi: Blockchain-based Farmer's Credit Scheme For Agriculture-Food Supply Chain Transactions on Emerging Telecommunications Technologies

ACHIEVEMENTS / EXTRA-CURRICULARS

- Research Coordinator**, IEEE Student Branch, Nirma University
- Technical Coordinator** Tedx, Nirma University 2019
- Volunteer Guide** for projects related to blockchain technology in a non-profit organisation **BChain Dynamics**